

# **Service Manual**



Video Cassette Recorder

**T5 - Chassis**

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# SAFETY & PRECAUTIONS

## SAFETY CHECK AFTER SERVING

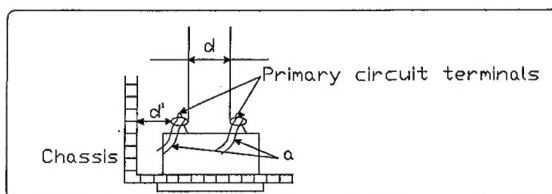
Examine the area surrounding the repaired location for damage or deterioration. Observe that screw, parts and wires have been returned to original positions. Afterwards, perform the following tests and conform the specified values in order to verify compliance with safety standards.

### 1. Insulation resistance test

Confirm the specified insulation resistance between power cord plug prong and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.) is greater than values given in table 1 below.

### 2. Dielectric strength test

Confirm specified dielectric strength between power cord plug prongs and exposed accessible parts of the set (RF terminals, antenna terminals, video and audio input output terminals, microphone jack, ear phone jacks, etc.) is greater than values given table 1.



### 3. Clearance distance

When replacing primary circuit component, confirm specified clearance distance (d), (d') between soldered terminals, and between terminals and surrounding metallic parts. See table below.

Rating for selected areas

AC Line Voltage	Region	Insulation Resistance	Dielectric Strength	Clearance Distance(d),(d')
100V	Japan	$\geq 1\text{M}\Omega/500\text{V DC}$	1kV AC 1min.	$\geq 3$
110 to 130V	USA & Canada	-	900V AC 1min.	$\geq 3.2$
* 110 to 130V 200 to 240V	Europe Australia Latin America	$\geq 10\text{M}\Omega/500\text{V DC}$	4kV AC 1min.	$\geq 6(d)$ $\geq 8(d')$ (a : Power cord)

\*: Class model only

## NOTE

This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality

## 4. Leakage current test

Confirm specified or lower leakage current between B(earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input output terminals, microphone jacks, earphone jacks, etc.)

Measuring method:(Power ON) Insert load Z between B(earth ground, power cord plug prongs) and exposed accessible parts. Use on AC voltmeter to measure across both terminals of load Z. See figure2 and following table.

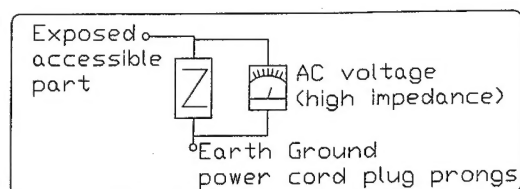






Fig.2

Leakage current ratings for selected are as

AC Line Voltage	Region	Load Z	Leakage Current( )	Clearance Distance(d),(d')
100V	Japan	 1k $\Omega$	$i \leq 1 \text{ mArms}$	Exposed accessible parts
110 to 130V	USA & Canada	 15k $\Omega$ 1k $\Omega$	$i \leq 0.5 \text{ mArms}$	Exposed accessible parts
110 to 130V 200 to 240V	Europe Australia	 2k $\Omega$	$i \leq 0.7 \text{ mA peak}$ $i \leq 2 \text{ mAdc}$	Antenna earth terminals
		 50k $\Omega$	$i \leq 0.7 \text{ mA peak}$ $i \leq 1 \text{ mAdc}$	Other terminals

**NOTE**

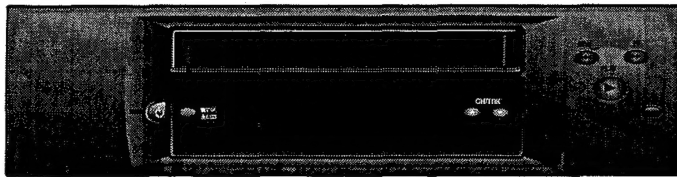
This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.



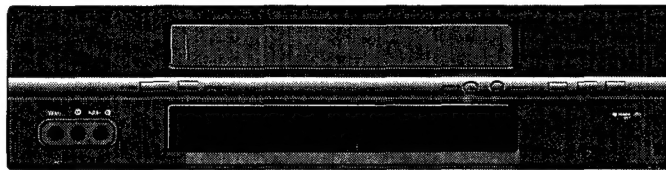
# EXTERNAL VIEWS

## 1. FRONT VIEWS FUNCTION

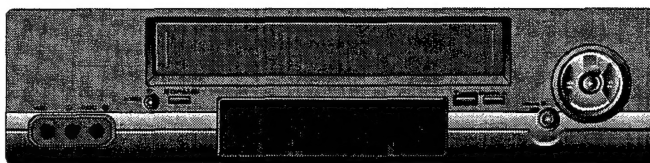
### DVST7C3 FRONT VIEW



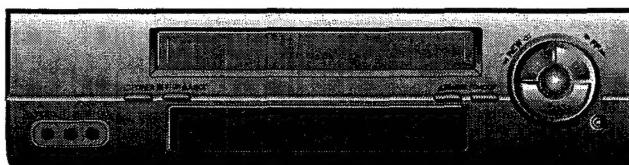
### DVST7E3 FRONT VIEW



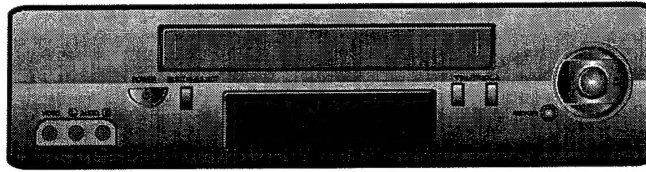
### DVST7L3 FRONT VIEW



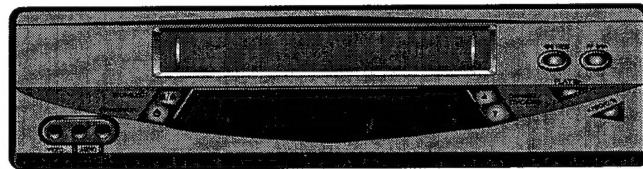
### DVST7M3 FRONT VIEW



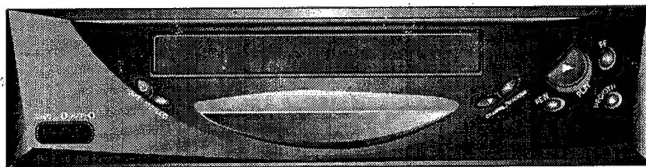
DVST7J3 FRONT VIEW



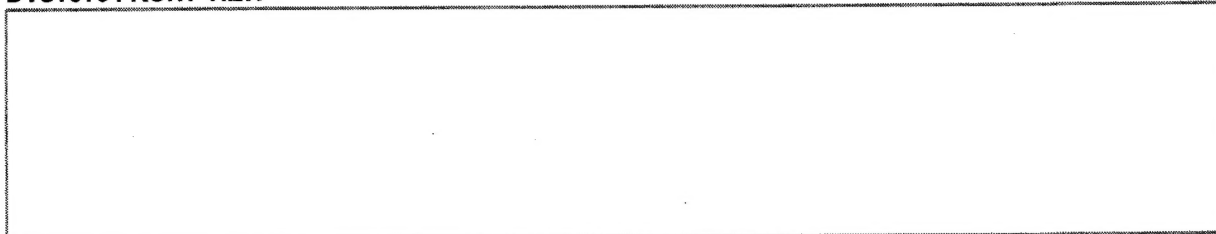
DVST7D3 FRONT VIEW



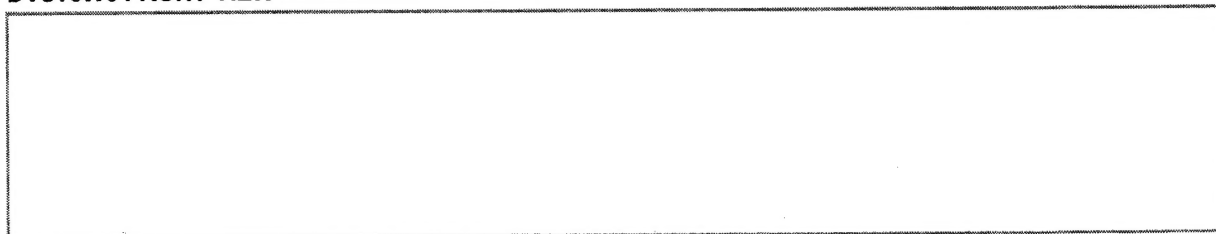
DVST7B3 FRONT VIEW



DVST8T3 FRONT VIEW



DVST8W3 FRONT VIEW



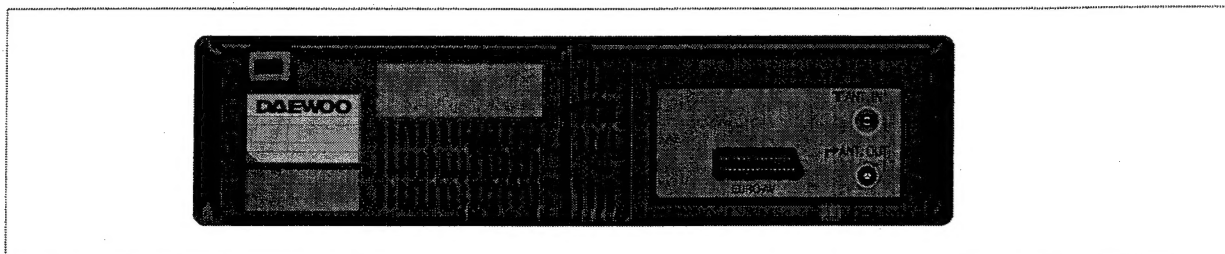
POWER  
STOP / EJECT  
RECORD  
FRONT VIDEO/AUDIO INPUT JACK

REWIND / REVIEW  
FAST FORWARD / CUE  
PLAY BACK  
CHANNEL UP / DOWN

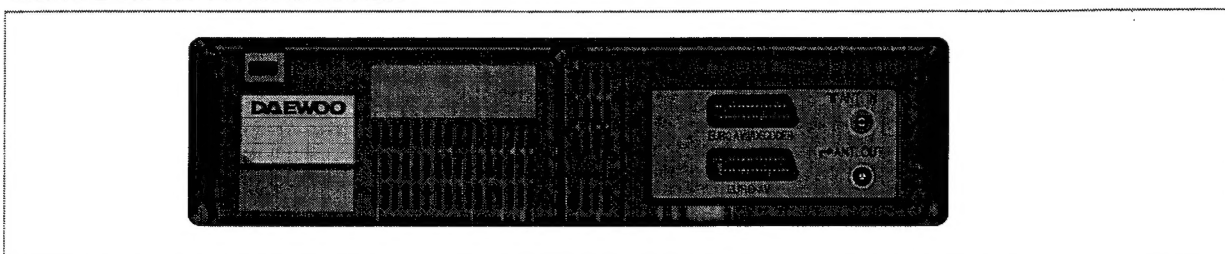
## EXTERNAL VIEWS

### 2. REAR VIEWS FUNCTION

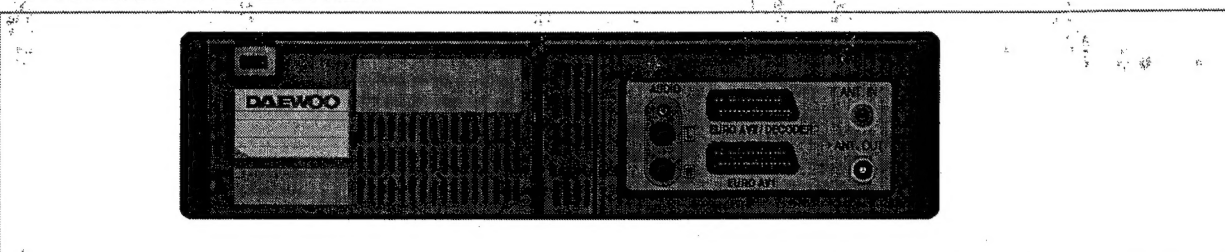
#### MONO 1 SCART TYPE REAR VIEW



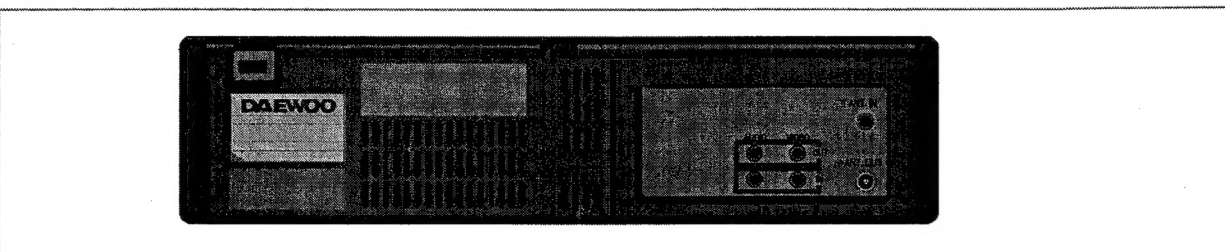
#### MONO 2 SCART TYPE REAR VIEW



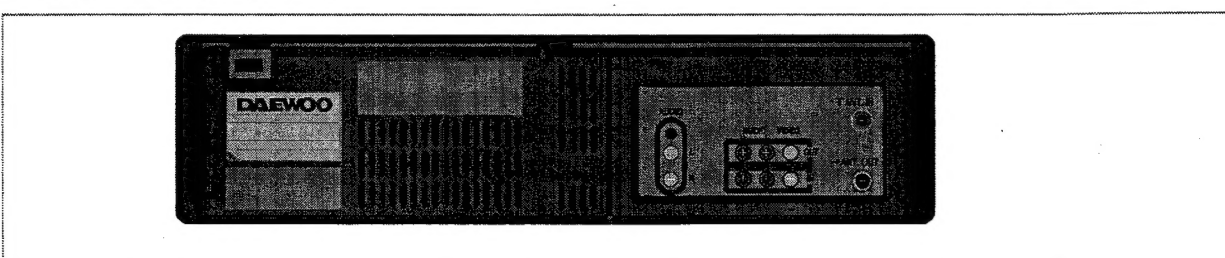
#### HI-FI 2 SCART TYPE REAR VIEW



#### MONO RCA TYPE REAR VIEW



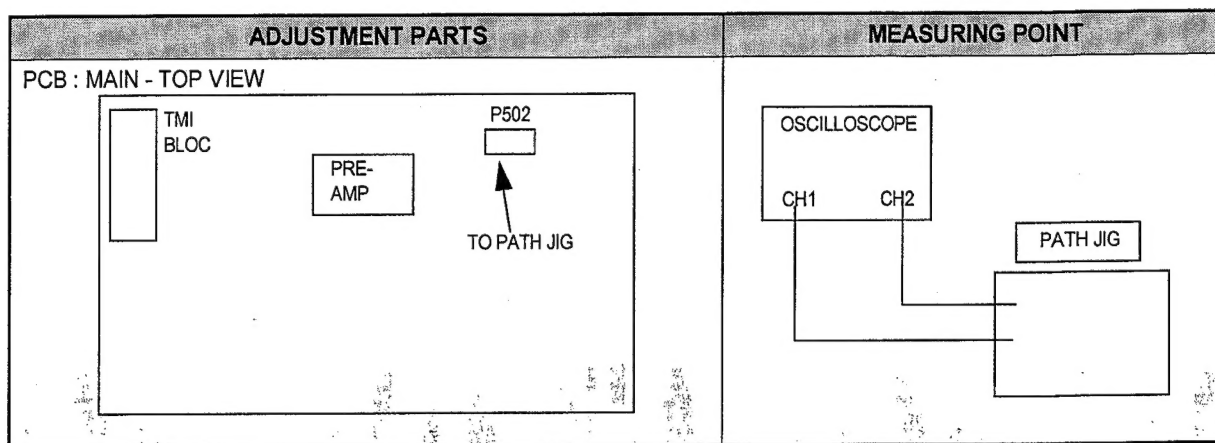
#### HI-FI RCA TYPE REAR VIEW



# ELECTRICAL ADJUSTMENT

## 1. PLAYBACK PHASE

ITEM	MODE	ADJUSTMENT POINT	CHECK POINT	TEST EQUIPMENT	TEST TAPE	INPUT SIGNAL
6.5H ADJUSTMENT	PLAY	[REC] BUTTON	PIN 4 & PIN 5 OF P502	OSCILLOSCOPE	DP-2	NO SIGNAL



## ADJUSTMENT PROCEDURE

1. Play back the test tape. (DP-2)
2. Set the oscilloscope to the CHOP mode. Connect CH1 to the SW PULSE (PIN 4 of P502)
3. Connect CH2 to the ENVE signal (PIN 5 of P502)
4. Insert PATH JIG and press "REC" button on the remote control.
5. Check the position of the V-sync from the rising edge of the SW pulse.  
(Standard : 6.5H  $\pm$  0.5H)

# SPECIFICATIONS

GENERAL	
Power Requirement	AC 230V, 50Hz
Power Consumption	Max. 17W (in REC mode)
Temperature	5°C ~ 35°C (Operating) -20°C ~ 60°C
Operating position	Horizontal only
Dimensions (W x H x D)	360 x 90 x 288 (mm)
Weight	Approx. 3.85 Kg
Format	VHS standard
Tape Width	12.65mm
Tape Speed	(SP) : 23.39mm/sec (LP) : 11.70mm/sec
Maximum Recording Time with full-size cassette	(SP) : 240min, with E-240 video cassette (LP) : 480min, with E-240 video cassette
VIDEO	
Signal system	PAL/SECAM colour and CCIR monochrome signals, 625 lines/50 fields
Recording system	Rotary two-head helical scan with a slant double-azimuth combination video head
Input	1.0Vp-p, 75ohms, unbalanced
Output	1.0Vp-p, 75ohms, unbalanced
Signal-to-Noise ratio	45dB (Rhode & Schwarz noise meter) with NETTETE IMAGE control at center position
Horizontal resolution	240 lines with NETTETE IMAGE control at center position
AUDIO	
Recording system	Longitudinal track
Input	-8dBm, (CENELEC standard), more than 47 k-ohms, unbalanced
Output	-6dBm, (CENELEC standard), less than 1k-ohms, unbalanced(100k-ohms, load)
Frequency Range	100Hz to 8,000Hz
Signal to Noise Ratio	More than 38dB
Audio Distortion	Less than 3% (SP)
TUNER	
Tuning system	Voltage synthesized tuner Programmable V/S 99CH (Hyper band)
RF Output	UHF channel 21~69 (52)
TIMER	
Memory programmable	99 CH
Back up time	Less than 1 Hour
Clock exactness	In accordance with the exactness of power supply frequency (50Hz)
ACCESSORIES	
Provided Accessories	Remote control unit, RF Cable, Battery

Design and specification can be subjected to change without notice.

## CHANNEL COVERAGE

SYSTEM	SECAM-L PAL, SECAM-B/G, PAL-I/I PAL, SECAM-B/G, D/K, HYPER BAND	PAL-I
CHANNEL	VHF Ch 2~12 UHF Ch 21~69 CATV Ch X,Y,Z S1~S41	UHF Ch 21~69

## INPUT/OUTPUT JACK TYPE

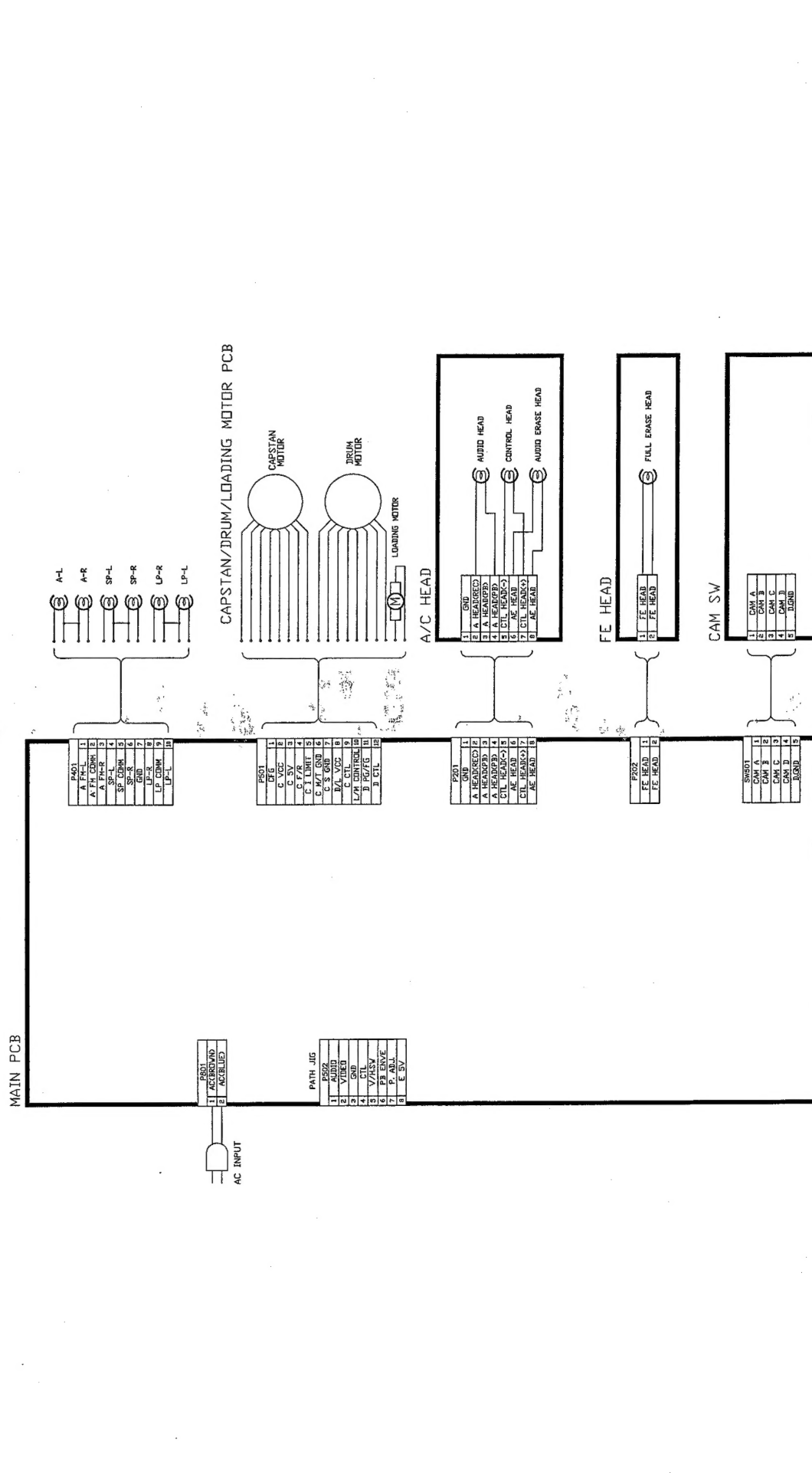
Model	EUROPE	Asia, South Africa, Australia
Jack Type	SCART Type	RCA Jack (Phone Jack)

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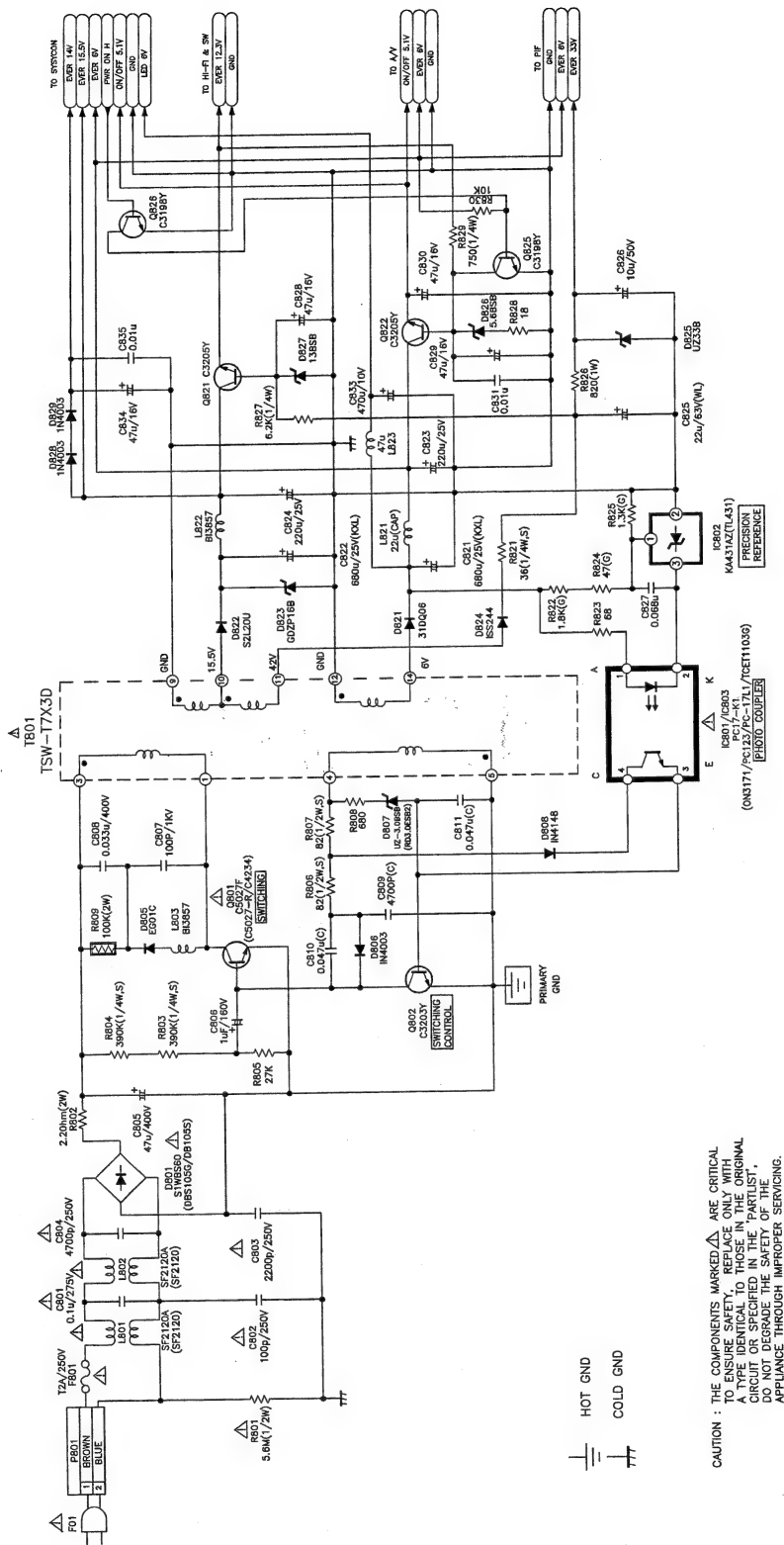
**CIRCUIT INFORMATION**


## 1. INTERCONNECT WIRING DIAGRAM



## CIRCUIT INFORMATION

## 2. POWER CIRCUIT DIAGRAM

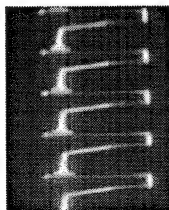


CAUTION : THE COMPONENTS MARKED  ARE CRITICAL TO ENSURE SAFETY. REPLACE ONLY WITH A TYPE IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE 'PARTLIST', DO NOT DEGRADE THE SAFETY OF THE APPLIANCE THROUGH IMPROPER SERVICING.

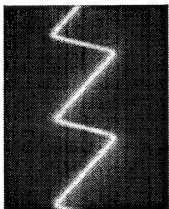
# CIRCUIT INFORMATION

POWER		MODE		REC.	
LOC	PIN	EE	PLAY	EE	PLAY
IC802	1	2.46	2.46	2.46	2.46
	2	4.81	4.83	4.82	4.82
	3	0	0	0.01	0.01
IC801	1	5.88	5.89	5.89	5.89
	2	4.81	4.83	4.83	4.83
	3	0.25	0.25	0.25	0.25
	4	3.1	3.1	3.1	3.1

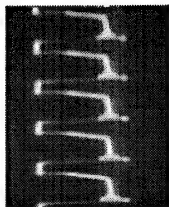
POWER		MODE		REC.	
LOC	PIN	EE	PLAY	EE	PLAY
Q801	E	0	0	0	0
	B	-0.12	-0.11	-0.72	-0.72
	C	323	323	323	323
Q802	E	0	0	0	0
	B	0.25	0.26	0.17	0.17
	C	0.12	0.11	0.17	0.17
Q821	E	12.58	12.6	12.6	12.6
	B	13.2	13.2	13.2	13.2
	C	15.6	15.36	15.4	15.4
Q822	E	5.2	5.19	5.2	5.2
	B	5.89	5.89	5.89	5.89
	C	5.97	5.97	5.96	5.96
Q825	E	0	0	0	0
	B	5.89	5.89	5.89	5.89
	C	0.73	0.73	0.73	0.73
Q826	E	0	0	0	0
	C	0	0	0	0



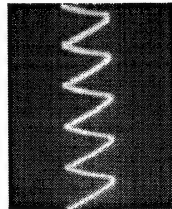
1. T801 PIN 1 X: 0.1KV/DIV  
Y: 5uS DIV



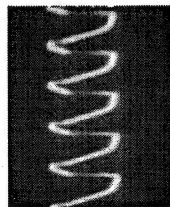
2. T801 PIN 3 X: 2V/DIV  
Y: 2ms DIV



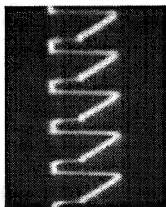
3. T801 PIN 4 X: 5V/DIV  
Y: 5uS DIV



4. IC801 PIN 3 X: 0.5V/DIV  
Y: 5uS DIV



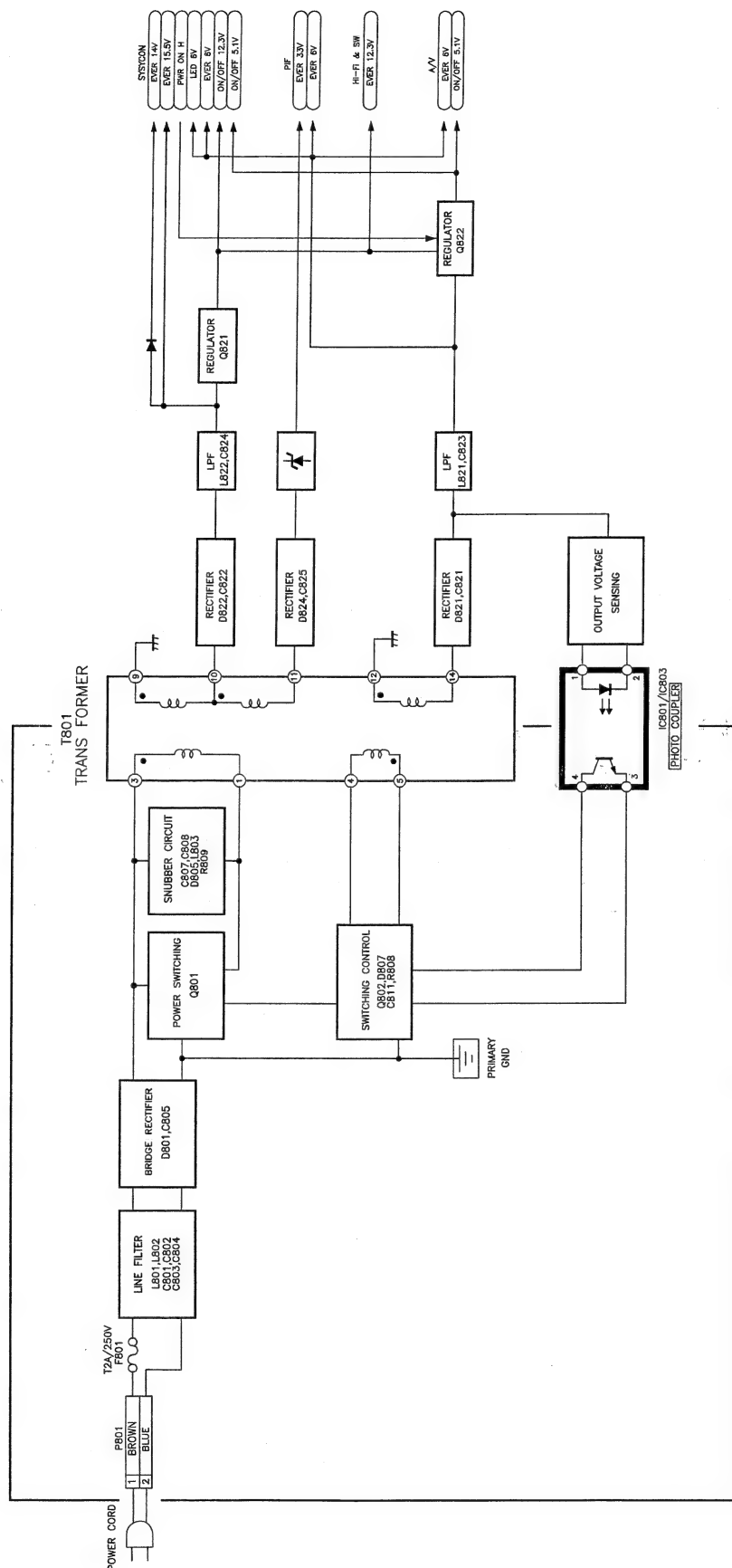
5. IC801 PIN 4 X: 2V/DIV  
Y: 5uS DIV



6. Q801 base X: 0.5V/DIV  
Y: 5uS DIV

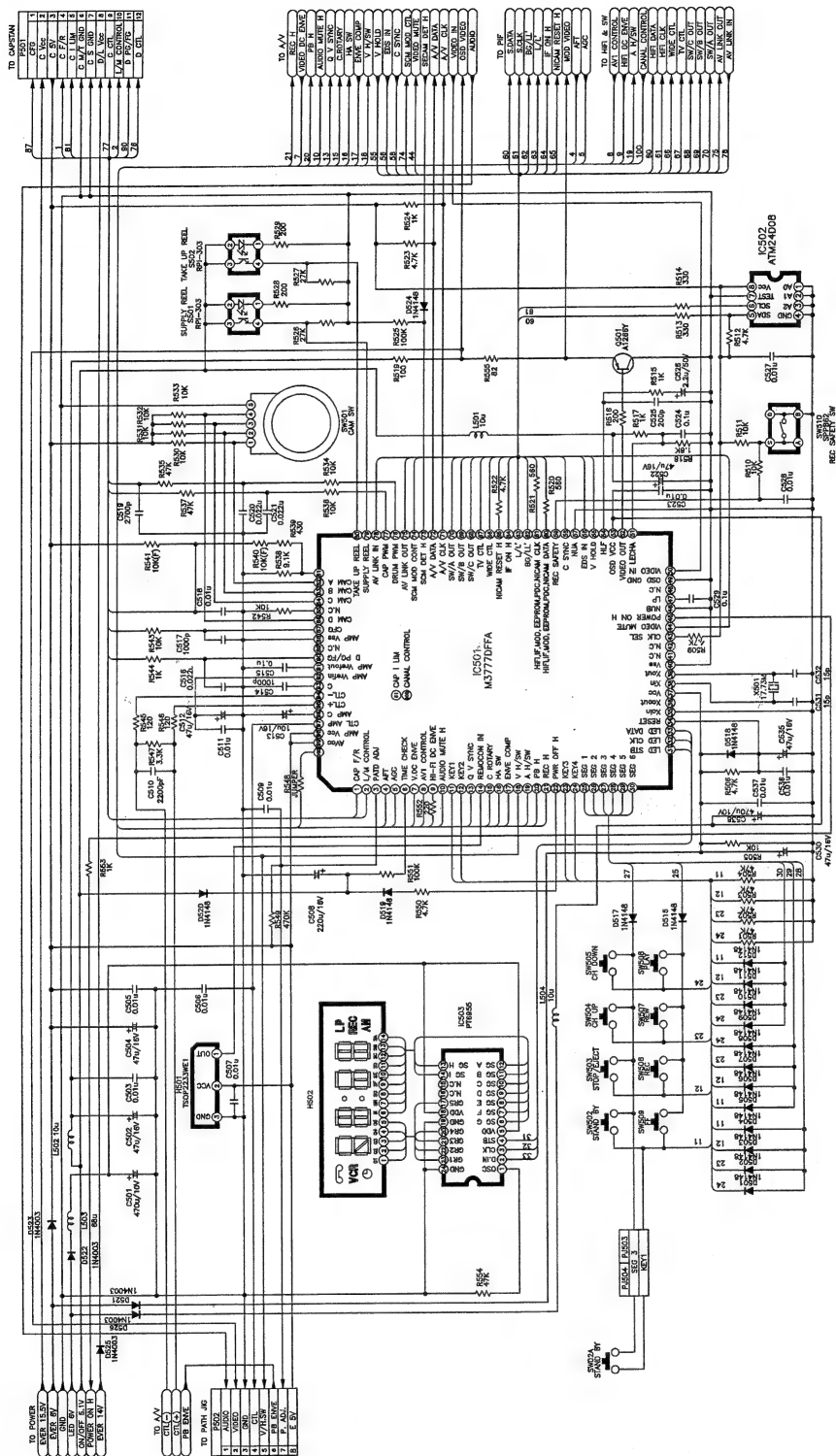


## 3. POWER BLOCK DIAGRAM



## CIRCUIT INFORMATION

#### 4. SYSCON CIRCUIT DIAGRAM

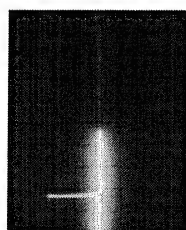


\*OPTION TABLE

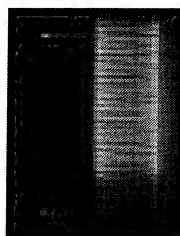
[illegible]

SYSLOC.	PIN	EE	PLAY	REC.
IC501	1	0	0	0
	2	2.63	2.61	2.61
	3	4.64	4.97	4.96
	4	2.3	0	2.2
	5	4.19	5.04	5.1
	6	1.4	2.28	1.13
	7	0.01	4.73	0.01
	8	1.9	1.85	0.14
	9	0.04	0.01	0.01
	10	0	0	0
	11	1.63	1.58	1.57
	12	5.2	0.01	0.01
	13	5.2	0.01	0.01
	14	5.2	5.2	5.18
	15	2.6	2.6	2.6
	16	5.2	5.2	5.2
	17	2.82	0	0
	18	0	2.61	2.6
	19	2.61	0	2.6
	20	0	5.23	0
	21	0	0	5.13
	22	0	0	0
	23	0.78	0.79	0.8
	24	0.16	0.19	0.8
	25	0.87	0.87	0.87
	26	0.87	0.87	0.87
	27	0.87	0.87	0.87
	28	0.87	0.87	0.87
	29	0.87	0.87	0.87
	30	0.87	0.87	0.01
	31	1.41	0.03	1.4
	32	5.05	0.05	0.07
	33	0.76	0.02	0.77
	34	5.25	5.25	5.23
	35	0.00		
	36	1.54	1.52	1.53
	37	5.2	5.25	5.1
	38	2.32	2.32	2.31
	39	0	0.01	2.6
	40	0	0.01	0.11
	41	5.23	5.23	5.12
	42	5.23	5.23	5.12
	43	5.25	5.23	5.23
	44	1.8	1.9	1.7
	45	5	5	4.9
	46	0.01	0	0.12
	47	1.8	1.86	1.7
	48	0.01	0	0.12
	49	0.02	0	0
	50	1.9	1.97	1.7
	51	3.3	3.3	3.2
	52	1.9	1.97	2.1
	53	5.25	5.25	5.25
	54	2.23	2.23	2.23
	55	1.92	1.97	1.75
	56	1.9	1.98	1.87
	57	0	0	0
	58	4.48	0.33	4.49
	59	5.21	5.21	0
	60	4.82	4.8	4.84
	61	4.96	4.8	4.91

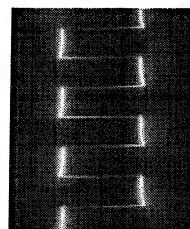
SYSLOC.	PIN	EE	PLAY	REC.
IC502	1	0	0	0
	2	0	0	0
	3	0	0	0
	4	0	0	0
	5	4.96	4.85	4.9
	6	4.96	4.88	4.9
	7	0	0	0
	8	5.22	5.22	5.2
	9	5.22	5.22	5.2
	10	0	0.01	0
	11	0	0	0
	12	0	0	0
	13	0	0	0
	14	0	0	0
	15	0	0	0
	16	0	0	0
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	28	0	0	0
	29	0	0	0
	30	0	0	0
	31	0	0	0
	32	0	0	0
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	59	0	0	0
	60	0	0	0
	61	0	0	0



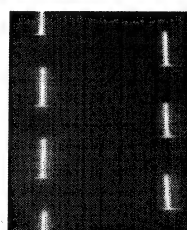
1. IC501 PIN97 X: 1V DIV  
CTL AMP OUT Y: 5mS DIV



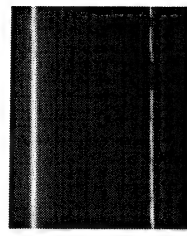
2. IC501 PIN 89 X: 0.5V DIV  
DRUM FG Y: 0.5ms DIV



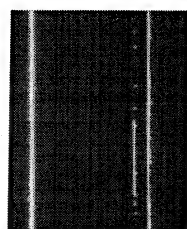
3. IC501 PIN 87 X: 1V DIV  
CAPSTAN FG Y: 0.5ms DIV



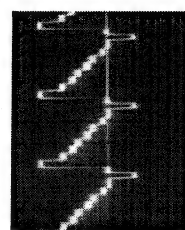
4. IC501 PIN 77 X: 1V DIV  
CAPSTAN PWM Y: 5uS DIV



5. IC501 PIN61 X: 1V DIV  
SERIAL CLK Y: 0.1ms DIV

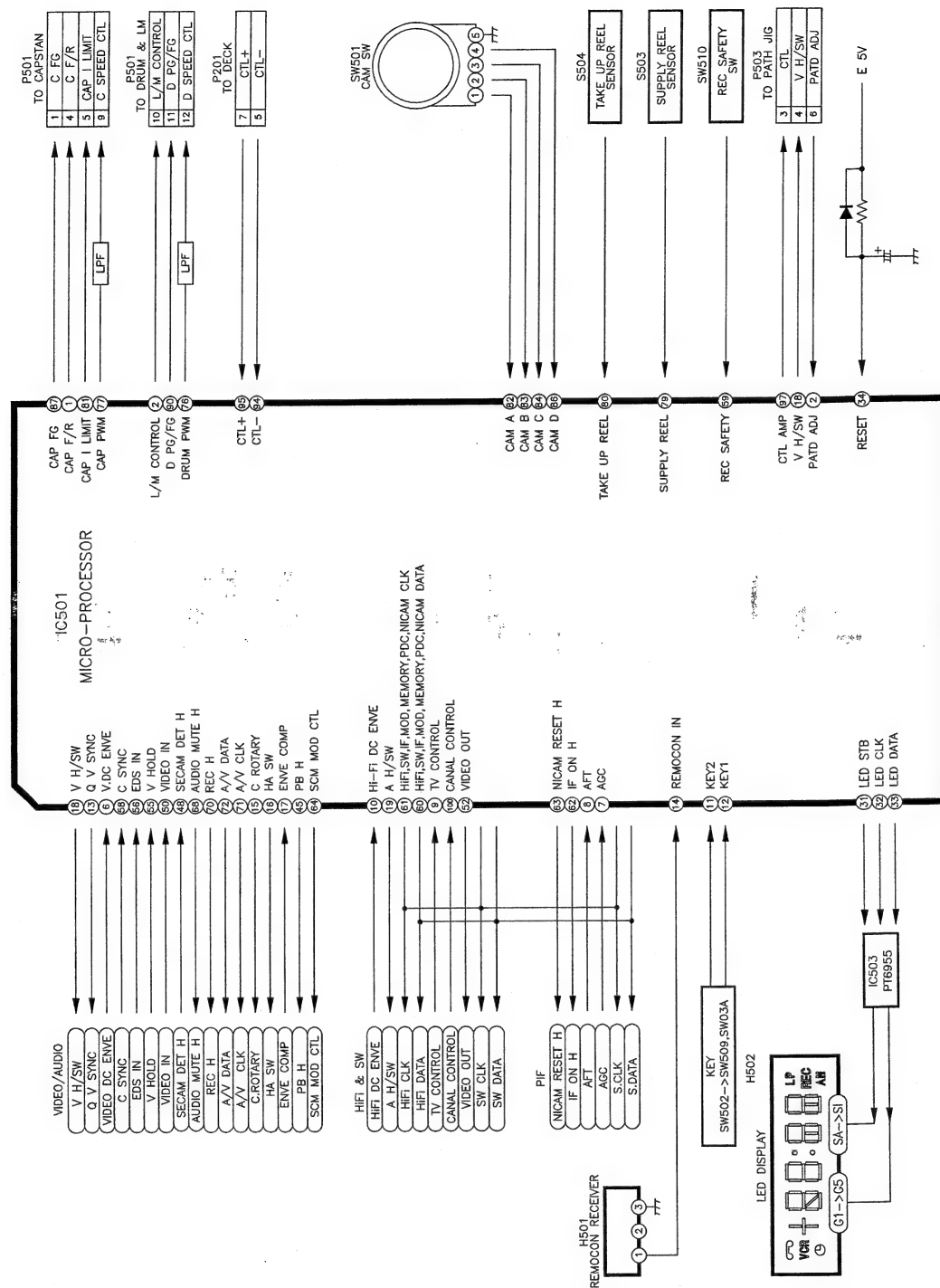


6. IC501 PIN60 X: 1V DIV  
SERIAL DATA Y: 0.1ms DIV

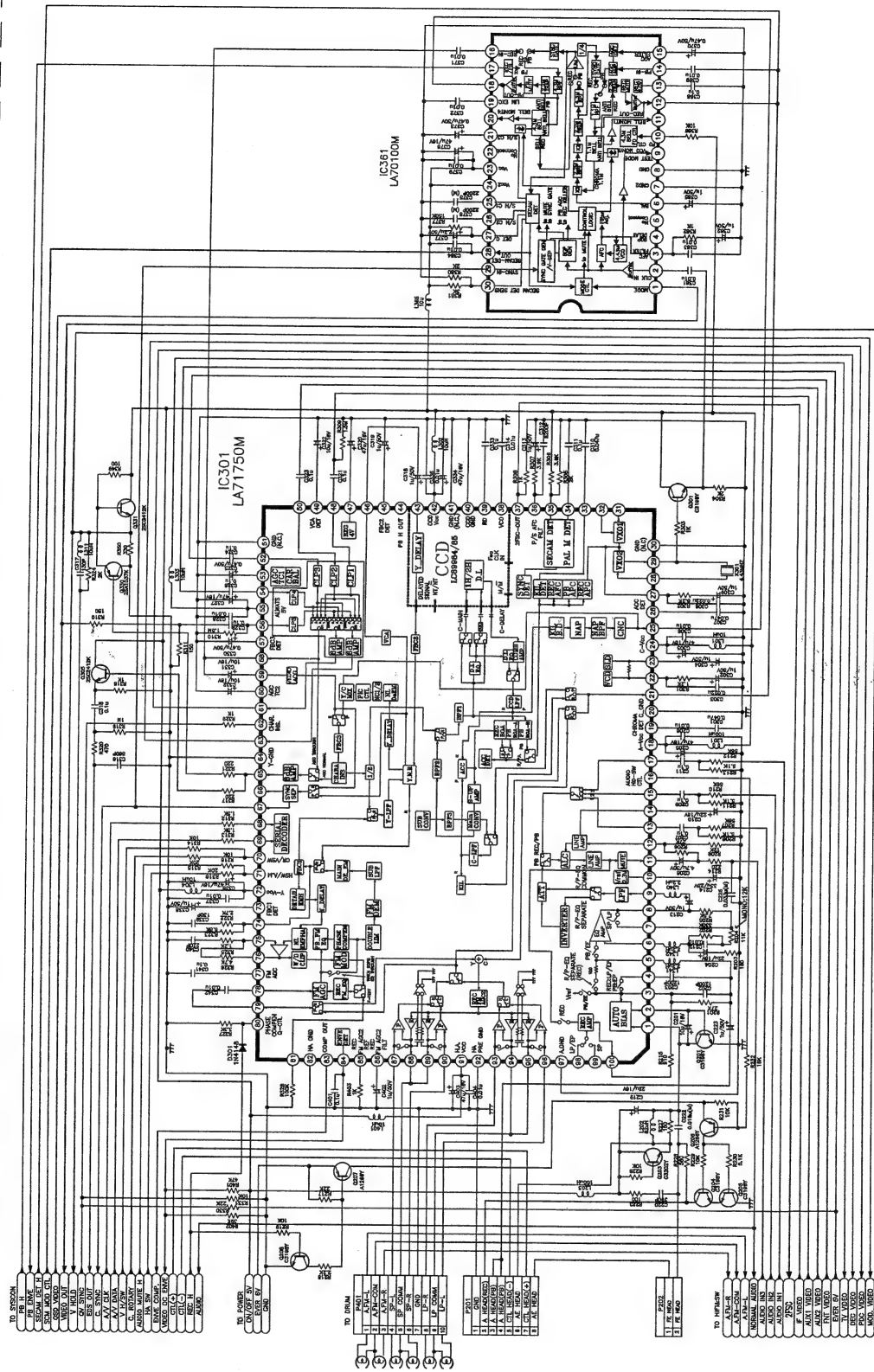


7. IC501 PIN 56 X: 0.5V DIV  
EDS IN Y: 20uS DIV

## 5. SERVO & SYSCON BLOCK DIAGRAM



## 6. AV &amp; SECAM COLOR CIRCUIT DIAGRAM



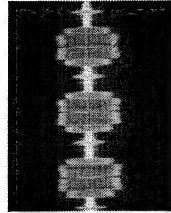
# CIRCUIT INFORMATION

AV	LOC.	PIN	MODE	PLAY	REC.
IC301	LOC.	1	EE	0.1	0.78
		2	EE	0.03	0.84
		3	2.29	2.28	2.25
		4	0.05	1.42	0.07
		5	0.07	2.27	2.42
		6	2.28	2.28	2.27
		7	2.28	2.28	2.28
		8	2.28	2.28	2.28
		9	2.28	2.28	2.28
		10	2.29	2.28	2.28
		11	2.4	2.4	2.4
		12	0.02	0.02	0.02
		13	2.29	2.28	2.27
		14	0.05	0.04	0.04
		15	2.29	2.28	2.27
		16	5.16	0.18	5.15
		17	2.29	2.28	2.27
		18	5.15	5.12	5.14
		19	4.21	4.16	4.13
		20	0.02	0.02	0.02
		21	3.32	3.39	3.32
		22	3.2	3.2	3.2
		23	3.2	3.2	3.2
		24	5.16	5.13	5.15
		25	0.18	0.15	0.15
		26	1.42	1.67	1.42
		27	2.1	2.1	2.04
		28	4.2	4.16	4.17
		29	2.79	2.74	2.81
		30	0.02	0	0.02
		31	0	0	0
		32	5.07	4.91	4.97
		33	2.12	2.03	2.11
		34	1.57	1.57	1.57
		35	2.1	2.09	2.1
		36	3.48	3.45	3.59
		37	1.69	1.66	1.72
		38	2.4	2.02	2.02
		39	9.47	9.48	9.48
		40	0.02	0.02	0.02
		41	0.02	0.02	0.02
		42	5.16	5.13	5.15
		43	2.23	2.44	2.23
		44	0.06	4.21	0.04
		45	2.27	2.28	2.29
		46	2.42	2.67	2.43
		47	4.15	4.15	4.16
		48	1.89	1.89	1.88
		49	2.94	3.16	2.94
		50	1.95	1.95	1.93
		51	0.02	0.02	0.02
		52	1.94	1.95	1.92
		53	1.35	2.34	2.15
		54	1.44	1.45	1.42
		55	5.17	5.17	5.17
		56	2.17	2.31	2.16
		57	2.17	2.15	2
		58	1.98	1.98	1.98
		59	2.93	2.95	2.92
		60	1.43	1.58	1.43
		61	1.57	1.86	1.58
		62	0	0.07	0.07

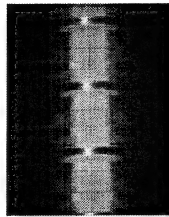
AV	LOC.	PIN	MODE	PLAY	REC.
		63	1.19	1.02	1.21
		64	0.02	0.02	0.02
		65	0.05	1.42	0.07
		66	4.49	0.35	4.49
		67	4.49	0.35	4.49
		68	5.05	5.07	5.05
		69	5	5.01	5.01
		70	0.01	2.61	2.6
		71	1.73	1.68	1.67
		72	5.12	5.1	5.11
		73	2.2	2.06	2.2
		74	2.3	2.6	2.31
		75	2.22	0.69	2.23
		76	2.22	0.76	2.23
		77	1.7	1.52	1.6
		78	2.66	3.37	2.67
		79	2.02	1.96	2.52
		80	0.95	0.96	4.53
		81	1.15	1.4	0.15
		82	0.42	0.12	0.12
		83	0.42	1.32	1.22
		84	1.39	2.26	1.13
		85	0.39	0.02	0.66
		86	0.2	0.27	1.63
		87	1.93	1.66	4.35
		88	1.93	1.95	4.33
		89	1.93	1.95	4.33
		90	1.93	1.96	4.35
		91	5.14	5.12	5.12
		92	0.02	0.02	0.02
		93	1.94	0.74	0.73
		94	1.94	0.74	0.73
		95	1.94	0.74	0.73
		96	1.95	0.74	0.73
		97	2.02	0.02	0.02
		98	2.29	2.29	2.43
		99	2.29	2.29	2.43
		100	2.29	2.29	2.56

SECAM COLOR	PIN	MODE	PLAY	REC.
IC361	1	EE	2.58	2.58
	2	EE	2.58	2.58
	3	EE	2.58	2.58
	4	EE	2.58	2.58
	5	EE	0.02	0.01
	6	EE	0.38	3.72
	7	EE	0.02	0.02
	8	EE	0.02	0.02
	9	EE	3.13	3.13
	10	EE	4.83	4.83
	11	EE	1.95	1.95
	12	EE	2.2	1.99
	13	EE	3.98	3.98
	14	EE	2.61	2.58
	15	EE	3.1	2.6
	16	EE	3.16	3.16
	17	EE	0.14	0.15
	18	EE	0.14	0.15
	19	EE	2.27	2.27
	20	EE	1.9	2.95
	21	EE	2.84	2.83
	22	EE	0.9	0.01
	23	EE	5.15	5.14
	24	EE	5.15	5.14
	25	EE	2.26	2.21
	26	EE	2.26	2.21
	27	EE	4.85	4.9
	28	EE	4.66	4.65
	29	EE	0.39	0.39
	30	EE	1.83	1.83

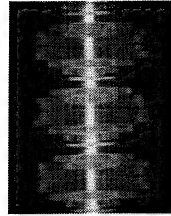
AV	LOC.	PIN	MODE	PLAY	REC.
Q201	LOC.	1	EE	0.02	0.02
		2	EE	0.03	0.03
		3	EE	0.1	0.09
		4	EE	0.04	0.04
		5	EE	0.04	0.04
		6	EE	0.02	0.02
		7	EE	0.02	0.02
		8	EE	0.02	0.02
		9	EE	0.02	0.02
		10	EE	0.02	0.02
		11	EE	0.02	0.02
		12	EE	0.02	0.02
		13	EE	0.02	0.02
		14	EE	0.02	0.02
		15	EE	0.02	0.02
		16	EE	0.02	0.02
		17	EE	0.02	0.02
		18	EE	0.02	0.02
		19	EE	0.02	0.02
		20	EE	0.02	0.02
		21	EE	0.02	0.02
		22	EE	0.02	0.02
		23	EE	0.02	0.02
		24	EE	0.02	0.02
		25	EE	0.02	0.02
		26	EE	0.02	0.02
		27	EE	0.02	0.02
		28	EE	0.02	0.02
		29	EE	0.02	0.02
		30	EE	0.02	0.02
		31	EE	0.02	0.02
		32	EE	0.02	0.02
		33	EE	0.02	0.02
		34	EE	0.02	0.02
		35	EE	0.02	0.02
		36	EE	0.02	0.02
		37	EE	0.02	0.02
		38	EE	0.02	0.02
		39	EE	0.02	0.02
		40	EE	0.02	0.02
		41	EE	0.02	0.02
		42	EE	0.02	0.02
		43	EE	0.02	0.02
		44	EE	0.02	0.02
		45	EE	0.02	0.02
		46	EE	0.02	0.02
		47	EE	0.02	0.02
		48	EE	0.02	0.02
		49	EE	0.02	0.02
		50	EE	0.02	0.02
		51	EE	0.02	0.02
		52	EE	0.02	0.02
		53	EE	0.02	0.02
		54	EE	0.02	0.02
		55	EE	0.02	0.02
		56	EE	0.02	0.02
		57	EE	0.02	0.02
		58	EE	0.02	0.02
		59	EE	0.02	0.02
		60	EE	0.02	0.02
		61	EE	0.02	0.02
		62	EE	0.02	0.02



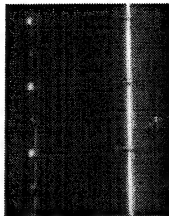
2. IC301 PIN21 X: 0.1V DIV  
REC COLOR(PAL) Y: 20us DIV



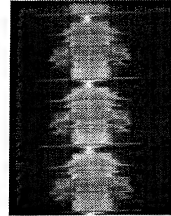
5. IC301 PIN21 X: 0.1V DIV  
PB COLOR(SCM) Y: 20us DIV



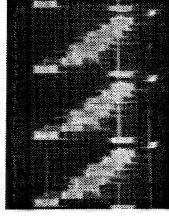
3. IC301 PIN25 X: 0.1V DIV  
PB COLOR(PAL) Y: 20us DIV



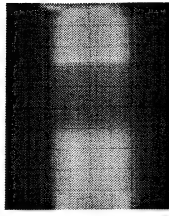
6. IC301 PIN3 X: 1V DIV  
C.SYNC Y: 20us DIV



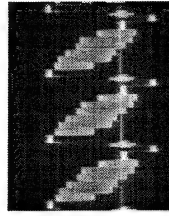
4. IC301 PIN25 X: 0.1V DIV  
REC COLOR (SCM) Y: 20us DIV



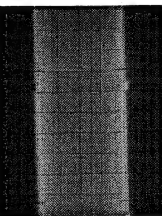
7. IC301 PIN58 X: 0.2V DIV  
REC SECAM Y: 20us DIV



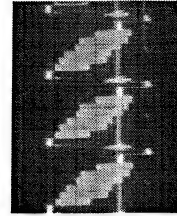
9. IC301 PIN79 X: 0.1V DIV  
PB ENVE Y: 2ms DIV



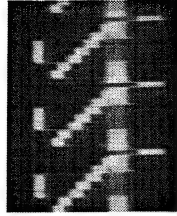
8. IC301 PIN50 X: 0.2V DIV  
VIDEO INPUT(REC) Y: 20us DIV



1. IC301 PIN78 X: 0.1V DIV  
REC-FM Y: 10us DIV



13. IC301 PIN65 X: 0.5V DIV  
VIDEO OUT(REC) Y: 20us DIV

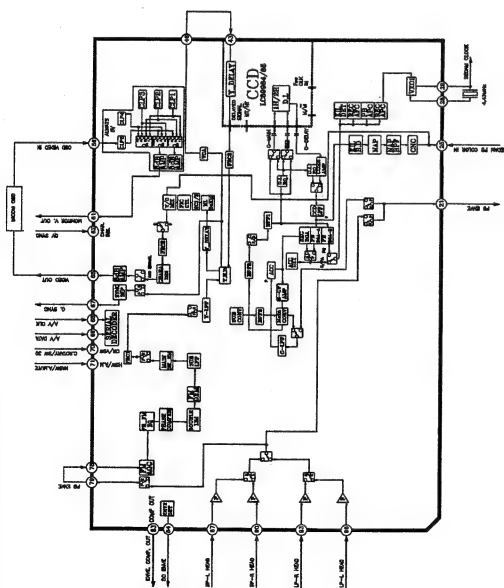


12. IC301 PIN74 X: 0.1V DIV  
DEEMPHA OUT (PB) Y: 20us DIV

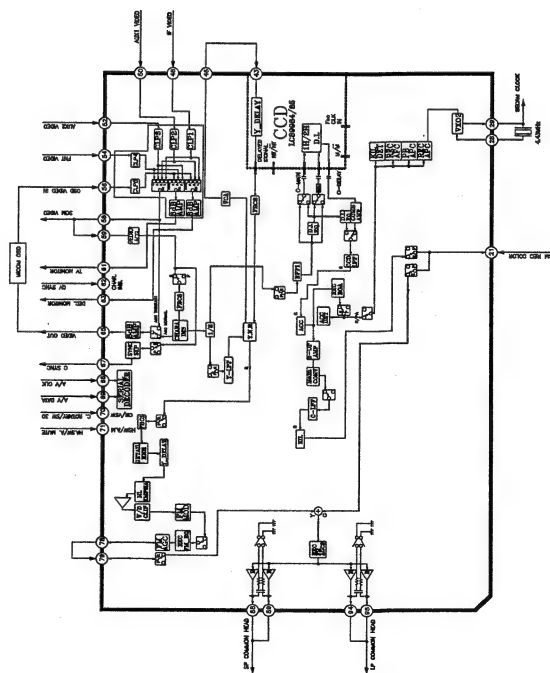


11. IC301 PIN43 X: 0.1V DIV  
Y-DLY OUT(REC) Y: 20us DIV

## 7-1. VIDEO PLAYBACK PATH FOR PAL



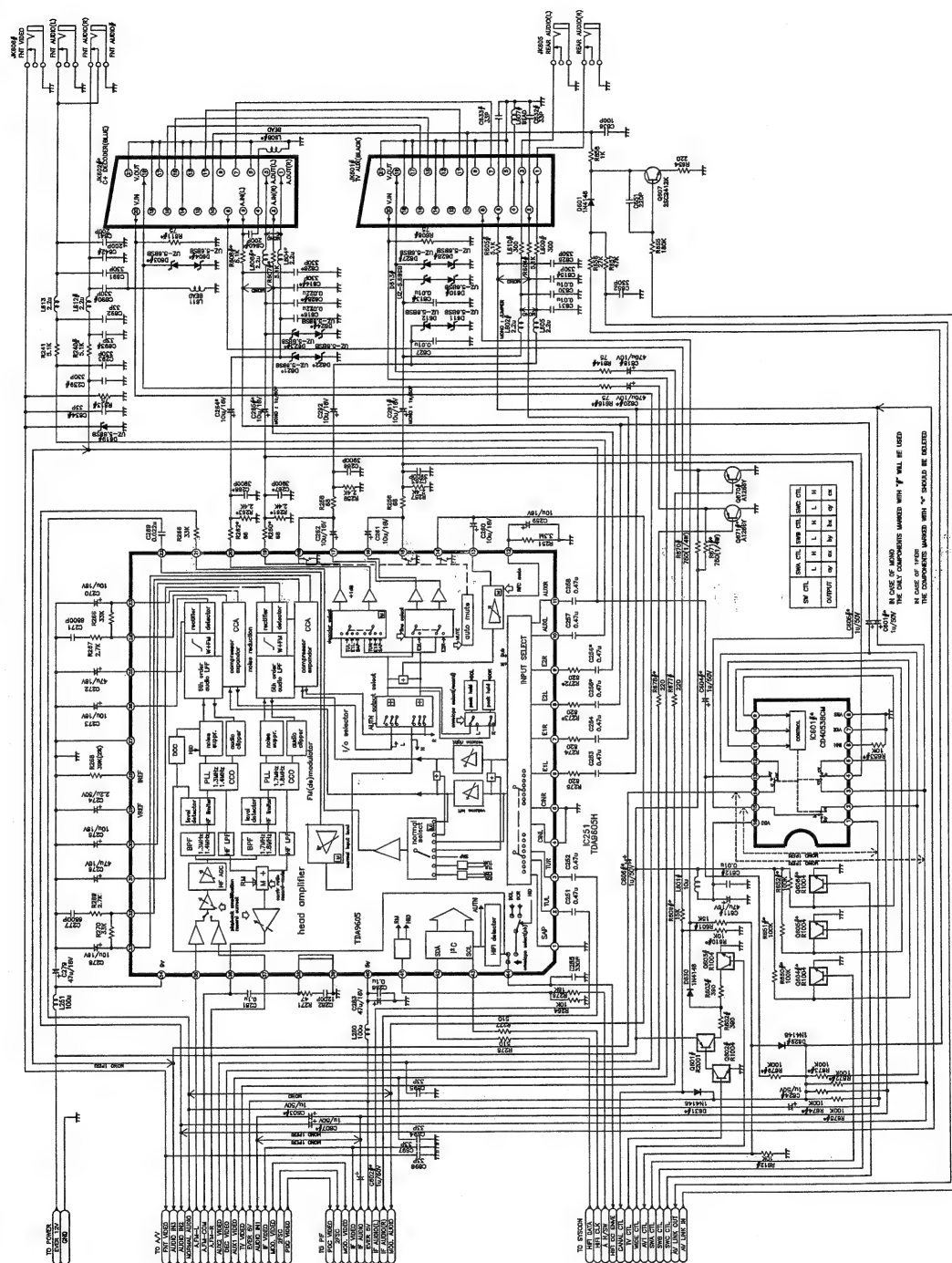
## 7-2. VIDEO RECORD PATH FOR PAL





## CIRCUIT INFORMATION

## 8. HIFI & SW CIRCUIT DIAGRAM

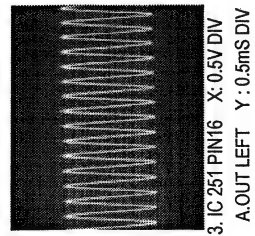
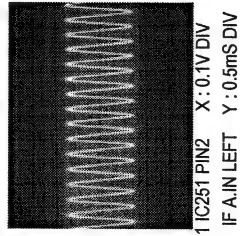
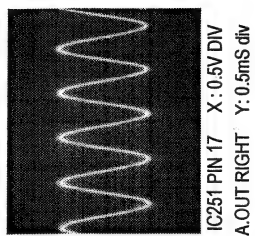
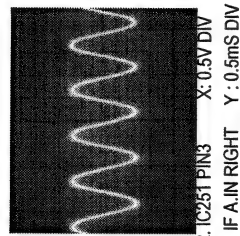
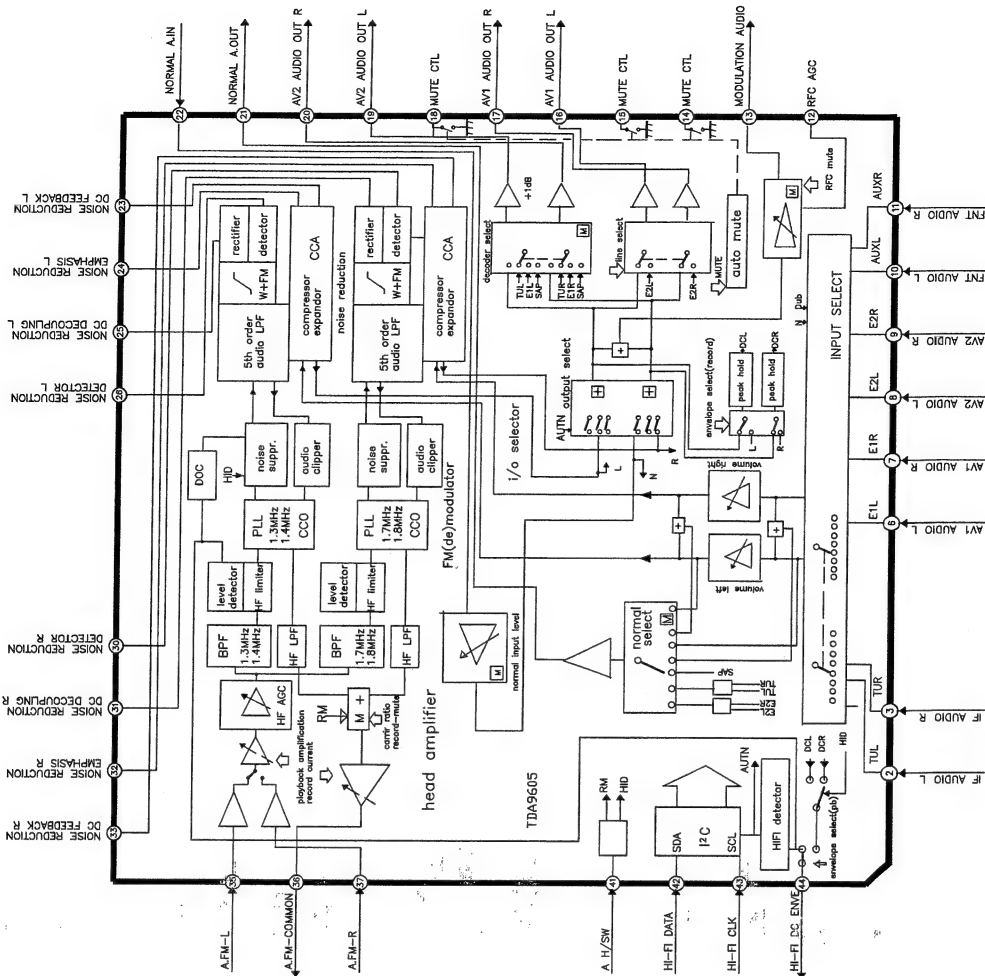




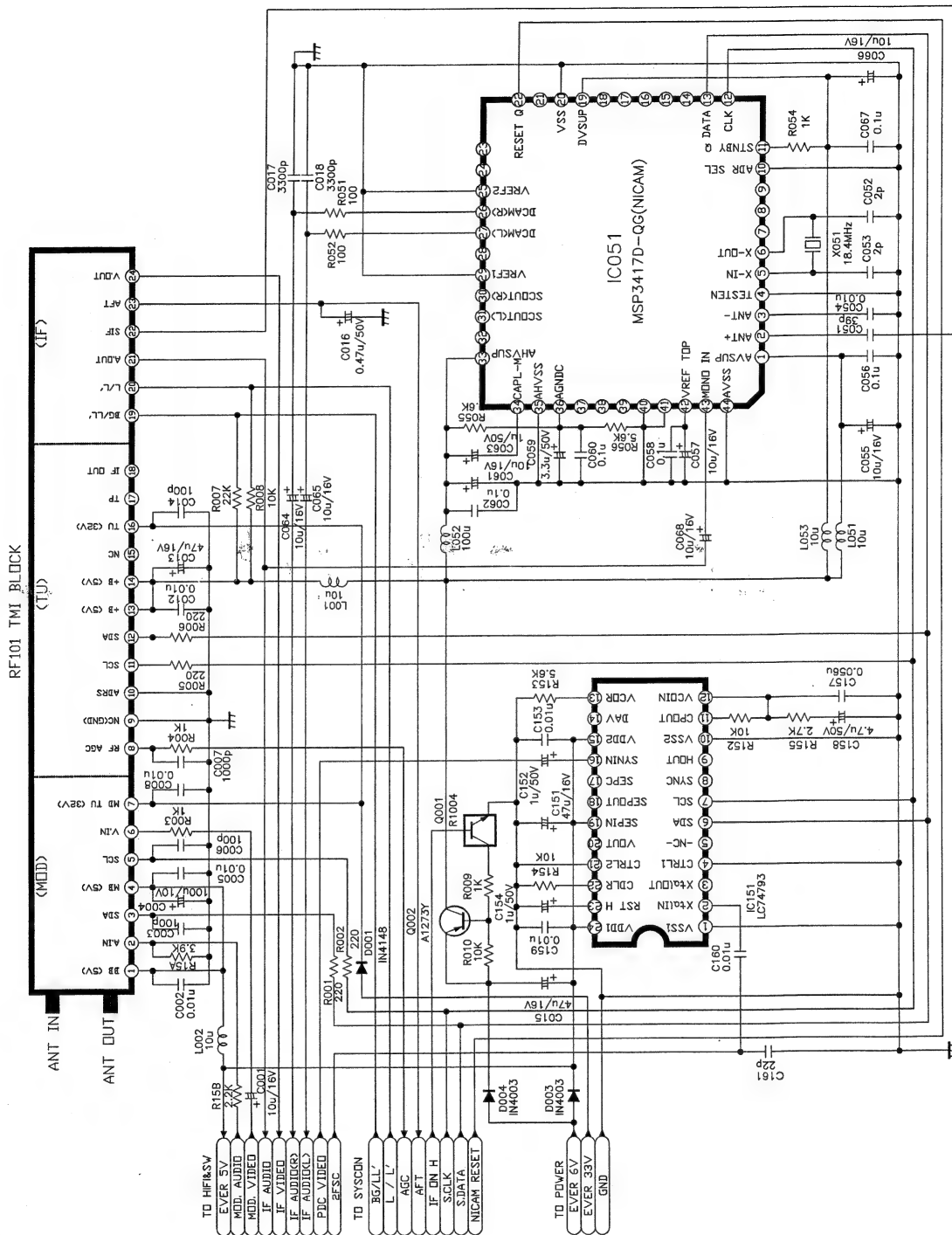
HIFFI BLOCK DIAGRAM

LOC.	HIF&SW	PIN	MODE	PLAY	REC.
10801	EE	1	5.13	5.14	5.13
		2	5.16	5.16	5.15
		3	5.16	5.16	5.13
		4	5.15	5.15	5.14
		5	5.16	5.14	5.16
		6	0.01	0.01	0.01
		7	0.01	0.01	0.01
		8	0.01	0.01	0.01
		9	12.16	12.23	12.26
		10	12.16	12.23	12.26
		11	0.01	0.01	0.01
		12	5.16	5.15	5.15
		13	5.14	5.14	5.13
		14	5.16	5.17	5.13
		15	5.14	5.15	5.13
		16	12.32	12.35	12.38
LOC.	PIN	EE	PLAY	REC.	
Q601	E	12.5	12.58	12.59	
	B	12.5	0.06	12.57	
	C	0.04	12.57	0.05	
Q602	E	0.01	0.01	0.02	
	B	0	5.16	0	
	C	12.5	0.06	12.58	
Q603	E	0.01	0.01	0.02	
	B	0.04	12.38	0.05	
	C	2.28	2.46	2.28	
Q670	E	1.59	2.16	1.59	
	B	0.01	0.01	0.01	
	C	0.01	1.74	1.91	
Q671	E	1.22	1.04	1.22	
	B	0.01	0.01	0.01	

LOC.	HIF&SW	PIN	MODE	PLAY	REC.
10251	EE	1	0.00	0.00	0.00
		2	3.90	3.90	3.90
		3	3.90	3.90	3.90
		4	0.00	0.00	0.00
		5	0.00	0.00	0.00
		6	3.90	3.91	3.91
		7	3.90	3.90	3.90
		8	3.90	3.90	3.90
		9	3.90	3.90	3.90
		10	3.90	3.90	3.90
		11	3.90	3.90	3.90
		12	0.06	0.00	0.00
		13	3.90	3.90	3.90
		14	0.00	0.00	0.00
		15	0.00	0.00	0.00
		16	4.62	4.62	4.64
		17	4.62	4.64	4.64
		18	0.00	0.00	0.00
		19	4.62	4.62	4.64
		20	4.62	4.62	4.64
		21	4.62	4.61	4.64
		22	3.90	3.90	3.90
		23	3.90	3.92	3.92
		24	3.90	3.92	3.92
		25	3.92	3.92	3.92
		26	0.62	0.64	0.64
		27	0.00	0.00	0.00
		28	3.88	3.88	3.90
		29	3.92	3.91	3.92
		30	0.82	0.82	0.82
		31	3.92	0.82	3.92
		32	3.92	3.94	3.92
		33	3.92	3.92	3.92
		34	2.58	3.92	3.92
		35	0.06	12.58	4.34
		36	0.64	0.64	4.32
		37	0.64	0.64	4.34
		38	0.00	0.64	4.28
		39	0.00	0.00	0.00
		40	5.18	0.00	5.10
		41	0.94	5.20	0.94
		42	4.65	0.94	4.74
		43	4.65	4.61	4.61
		44	1.98	1.97	1.97



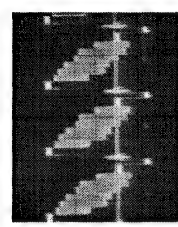
## 9. PIF CIRCUIT DIAGRAM



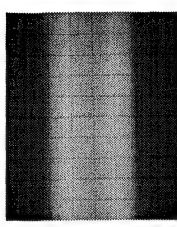
PIF	LOC.	PIN	MODE		
			EE	PLAY	REC.
Q001	B	1	0.02	0.01	0.02
		2	0.02	0.01	0.02
		3	0.02	0.01	0.02
		4	0.02	0.01	0.02
Q002	B	5	0.02	0.01	0.02
		6	0.02	0.01	0.02
		7	0.02	0.01	0.02
		8	0.02	0.01	0.02

PIF	LOC.	PIN	MODE		
			EE	PLAY	REC.
IC151	B	1	0.02	0.01	0.02
		2	0.02	0.01	0.02
		3	0.02	0.01	0.02
		4	0.02	0.01	0.02
		5	0.02	0.01	0.02
		6	0.02	0.01	0.02
		7	0.02	0.01	0.02
		8	0.02	0.01	0.02
		9	0.02	0.01	0.02
		10	0.02	0.01	0.02
		11	0.02	0.01	0.02
		12	0.02	0.01	0.02
		13	0.02	0.01	0.02
		14	0.02	0.01	0.02
		15	0.02	0.01	0.02
		16	0.02	0.01	0.02
		17	0.02	0.01	0.02
		18	0.02	0.01	0.02
		19	0.02	0.01	0.02
		20	0.02	0.01	0.02
		21	0.02	0.01	0.02
		22	0.02	0.01	0.02
		23	0.02	0.01	0.02
		24	0.02	0.01	0.02

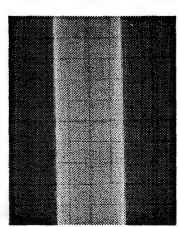
PIF	LOC.	PIN	MODE		
			EE	PLAY	REC.
IC051	B	1	0.02	0.01	0.02
		2	0.02	0.01	0.02
		3	0.02	0.01	0.02
		4	0.02	0.01	0.02
		5	0.02	0.01	0.02
		6	0.02	0.01	0.02
		7	0.02	0.01	0.02
		8	0.02	0.01	0.02
		9	0.02	0.01	0.02
		10	0.02	0.01	0.02
		11	0.02	0.01	0.02
		12	0.02	0.01	0.02
		13	0.02	0.01	0.02
		14	0.02	0.01	0.02
		15	0.02	0.01	0.02
		16	0.02	0.01	0.02
		17	0.02	0.01	0.02
		18	0.02	0.01	0.02
		19	0.02	0.01	0.02
		20	0.02	0.01	0.02
		21	0.02	0.01	0.02
		22	0.02	0.01	0.02
		23	0.02	0.01	0.02
		24	0.02	0.01	0.02
		25	0.02	0.01	0.02
		26	0.02	0.01	0.02
		27	0.02	0.01	0.02
		28	0.02	0.01	0.02
		29	0.02	0.01	0.02
		30	0.02	0.01	0.02
		31	0.02	0.01	0.02
		32	0.02	0.01	0.02
		33	0.02	0.01	0.02
		34	0.02	0.01	0.02
		35	0.02	0.01	0.02
		36	0.02	0.01	0.02
		37	0.02	0.01	0.02
		38	0.02	0.01	0.02
		39	0.02	0.01	0.02
		40	0.02	0.01	0.02
		41	0.02	0.01	0.02
		42	0.02	0.01	0.02
		43	0.02	0.01	0.02
		44	0.02	0.01	0.02



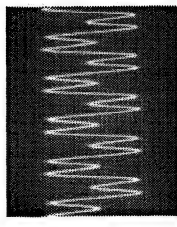
2. IC151 PIN16 X: 0.5V DIV  
PDC V.IN Y: 20uS DIV



4. IC051 PIN 2 X: 0.1V DIV  
SIF IN Y: 0.5mS DIV



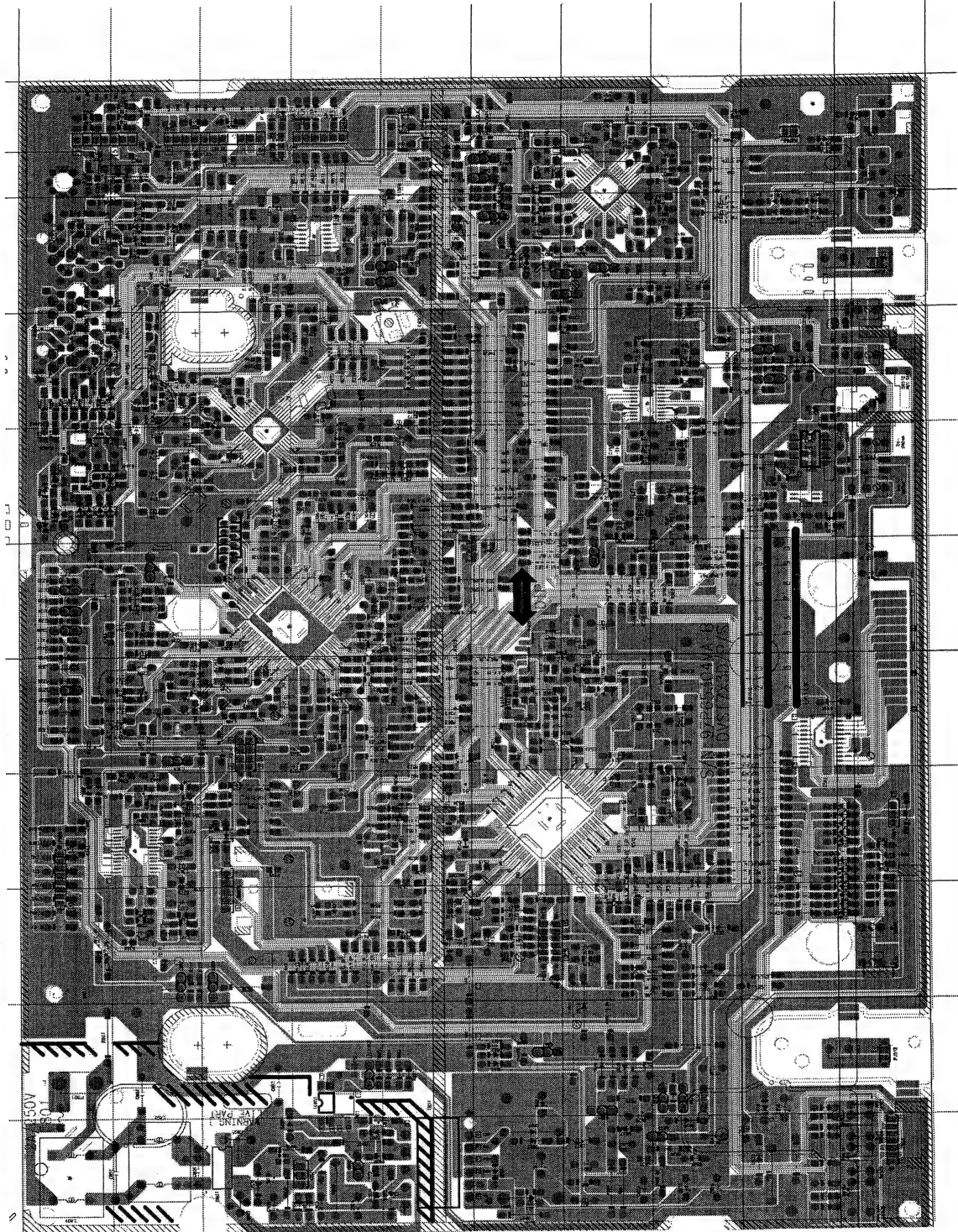
1 IC 151 PIN 2 X: 0.5V DIV  
2 FSC IN Y: 2uS DIV



3. IC051 PIN 43 X: 0.2V DIV  
MONO IN Y: 0.5mS DIV

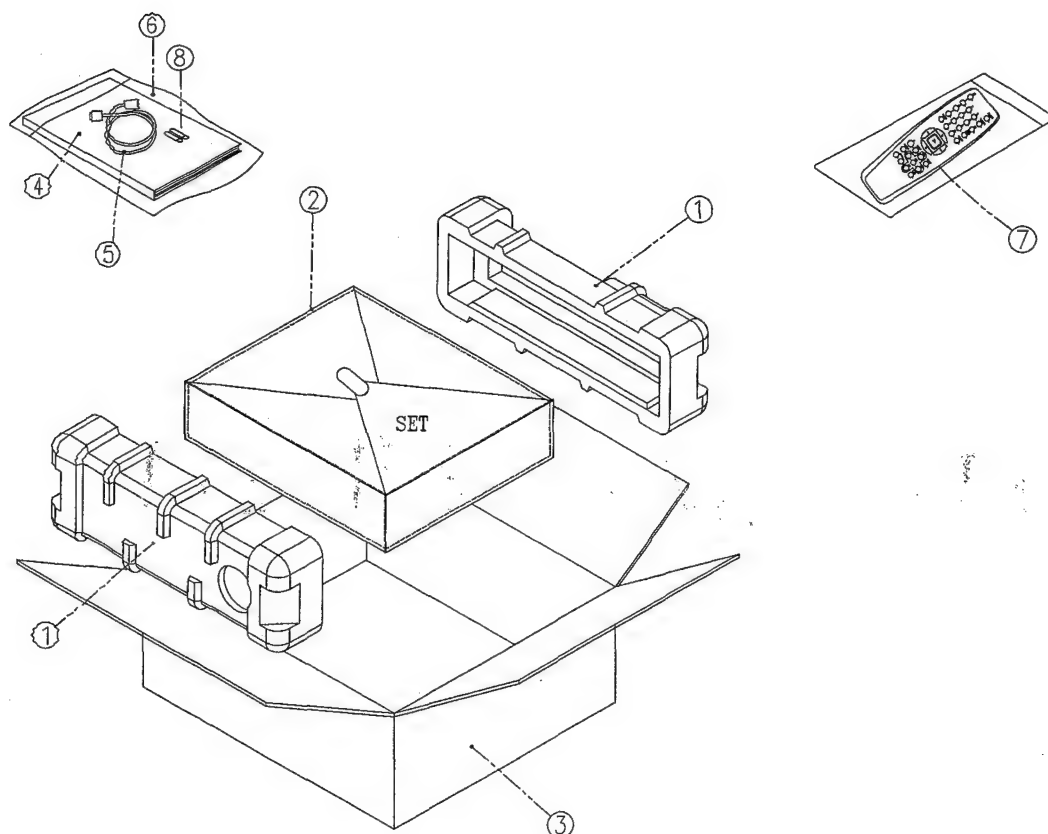
# COMPONENTS LOCATION GUIDE ON PCB BOTTOM VIEW

PCB MAIN



# DISASSEMBLY

## 1. PACKING ASS'Y

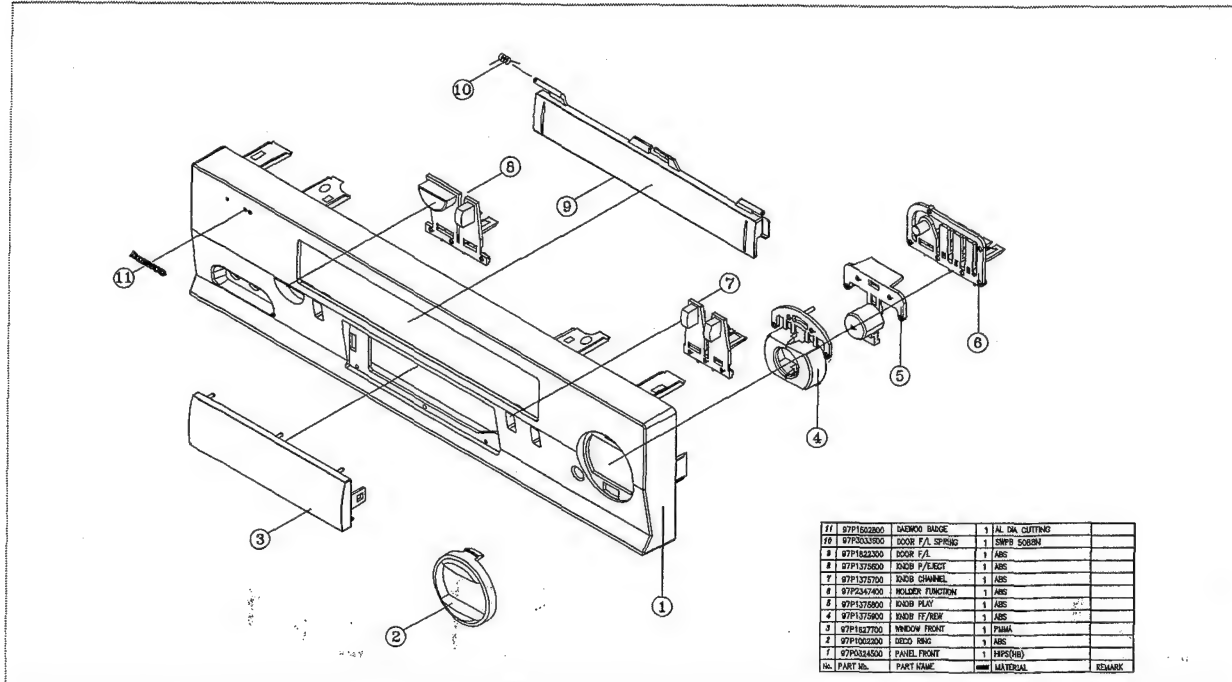


7	BATTERY	486A716202	2	AAA 1.5 V (SUPERGARD)	
7	REMOCON HANDSET AS	97P1R2TAA1	1	VR-F2TA	
6	COVER ACCESSORY	97P0424100	1	LD-PE T0.1	
5	CABLE RF	97P881RP10	1	PAL 1.0M	
4	MANUAL OWNERS	97P9560000	1	ALL MODEL	
3	BOX CARTON	97P5051900	1	(SC260+K200)*K200*EX225	
2	POLY BAG FOR SET	97P4808500	1	P.E FOAM(800*800*T0.5)	
NO.	PART NAME	PART NO.	QUANTITY	MATERIAL	REMARK
1	PAD FRONT/BACK	97P4930000	1	EPS	

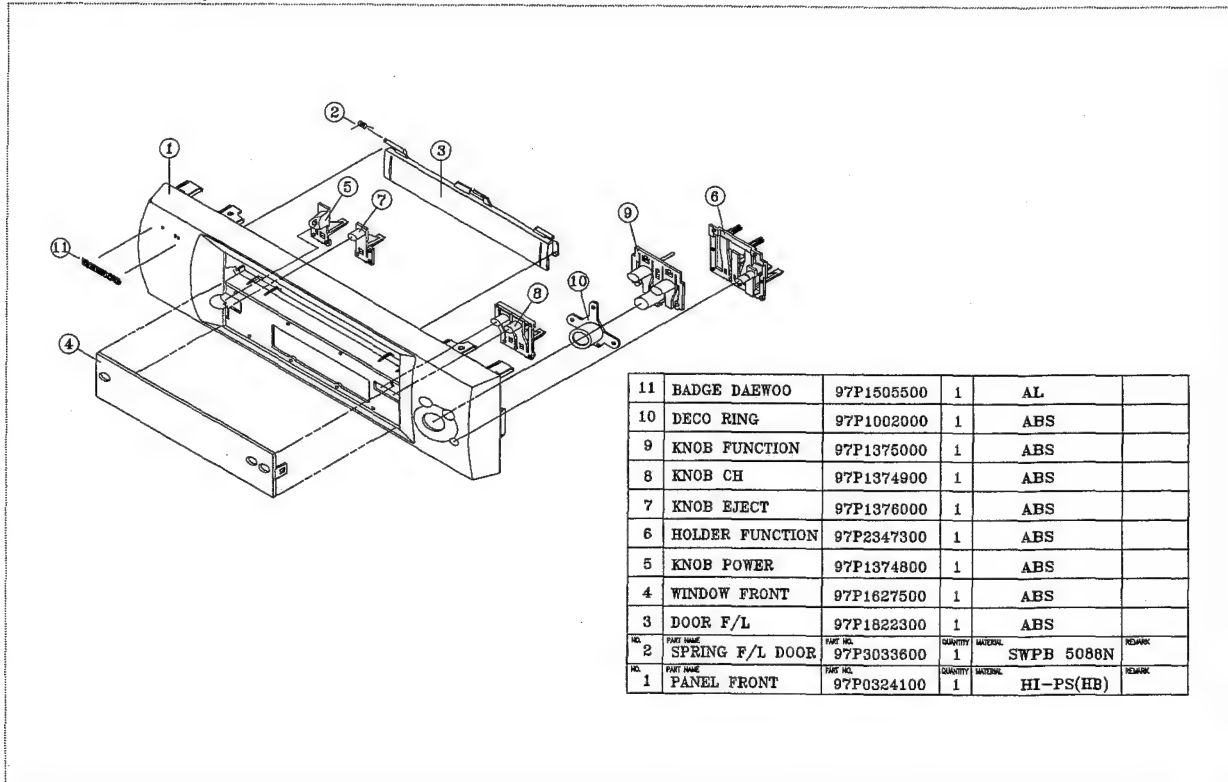
## DISASSEMBLY

### 2. FRONT PANEL ASSEMBLY

#### DVST7J3 SERIES

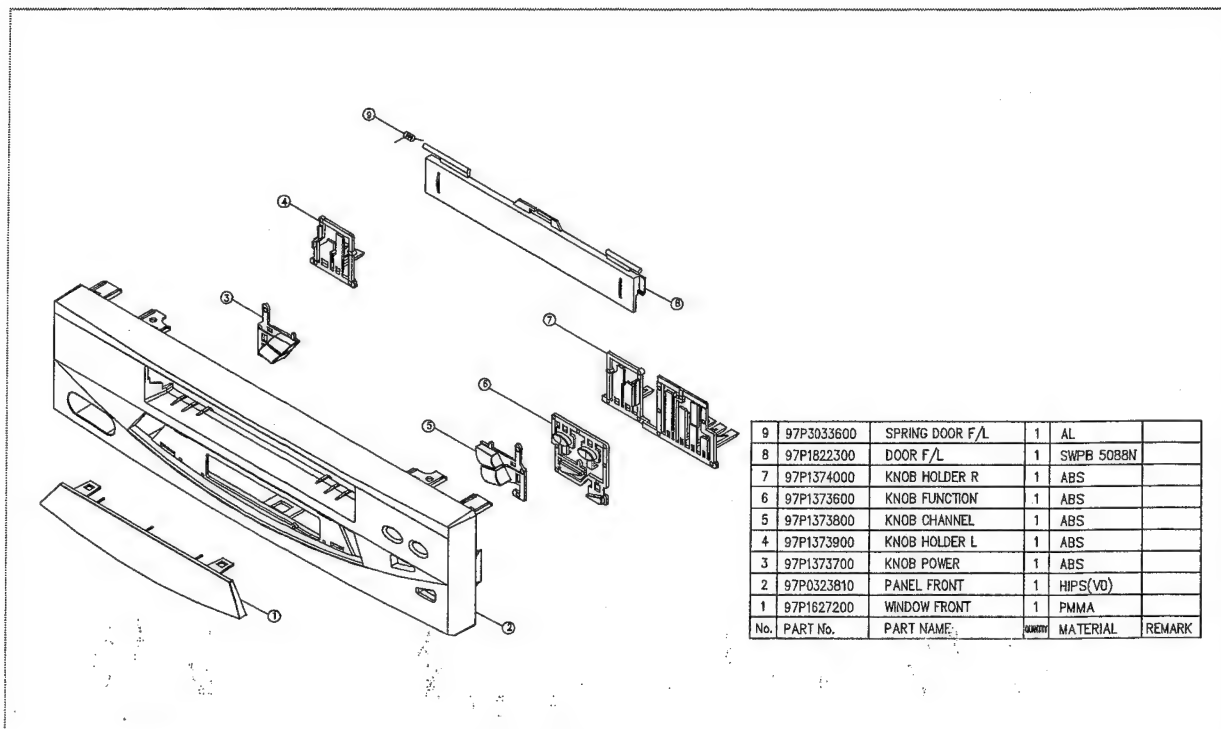


#### DVST7C3 SERIES

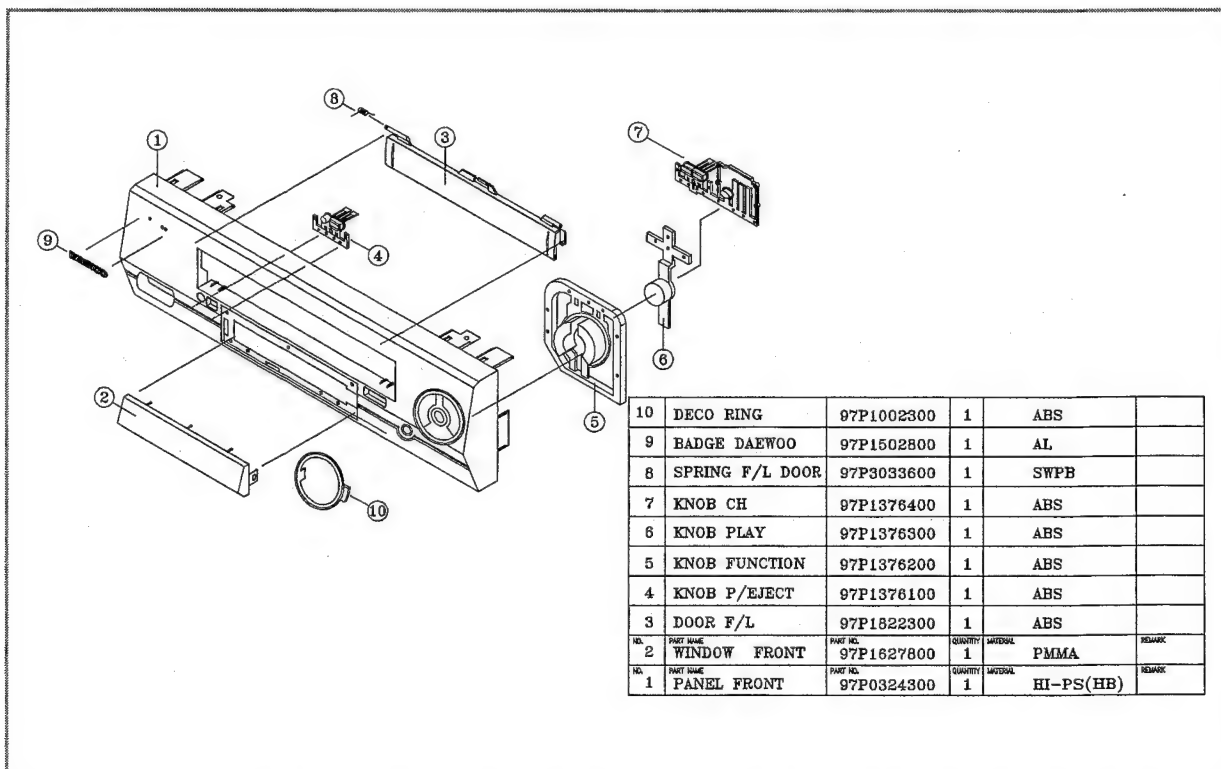




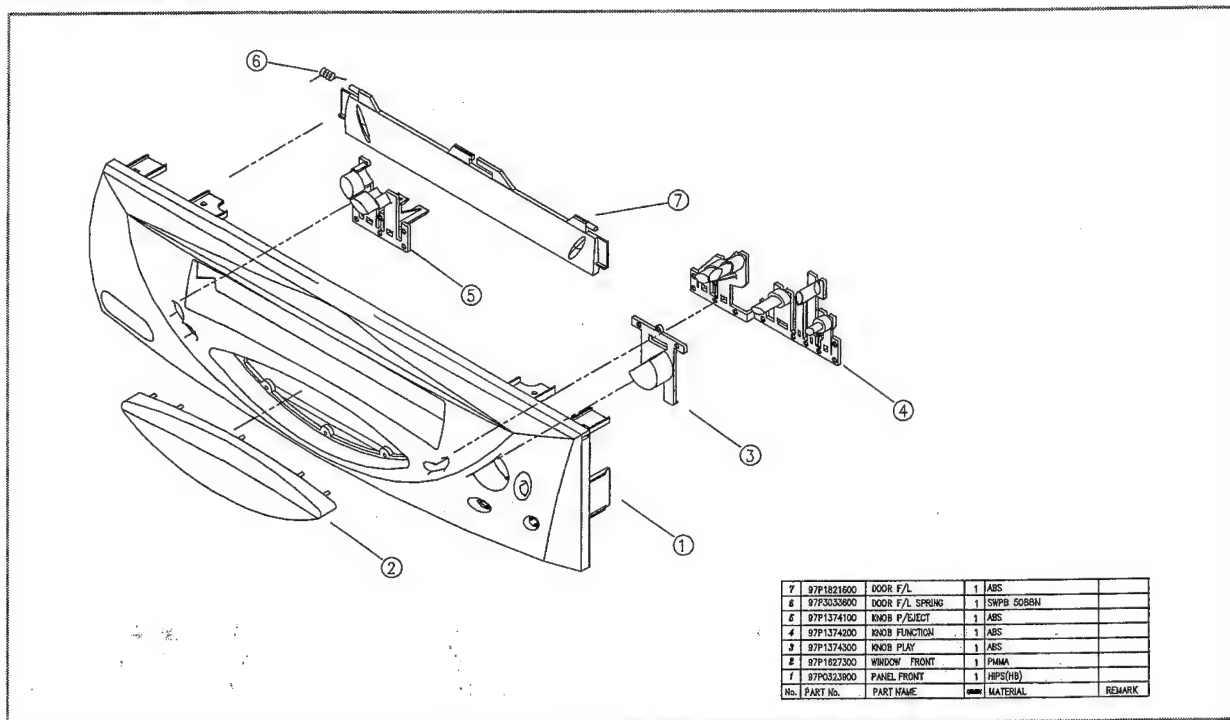
## DVST7D3 SERIES



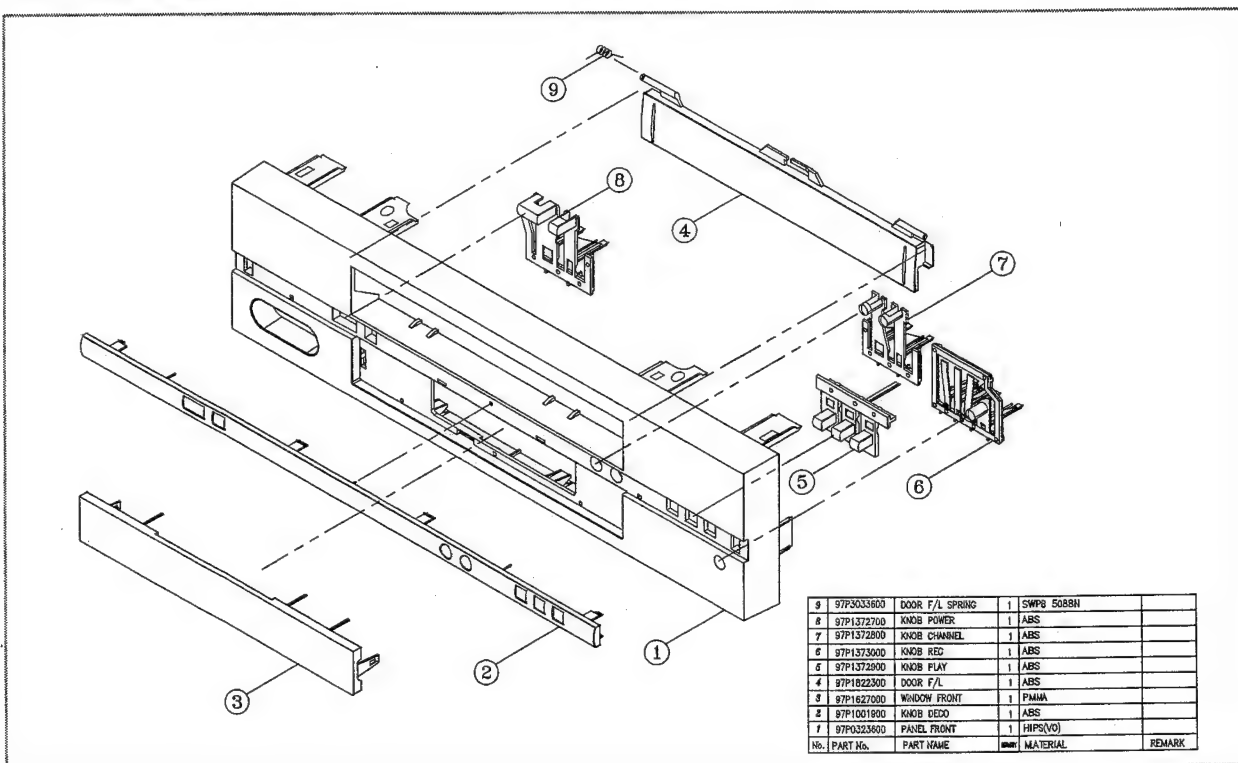
## DVST7L3 SERIES



## DVST7B3 SERIES

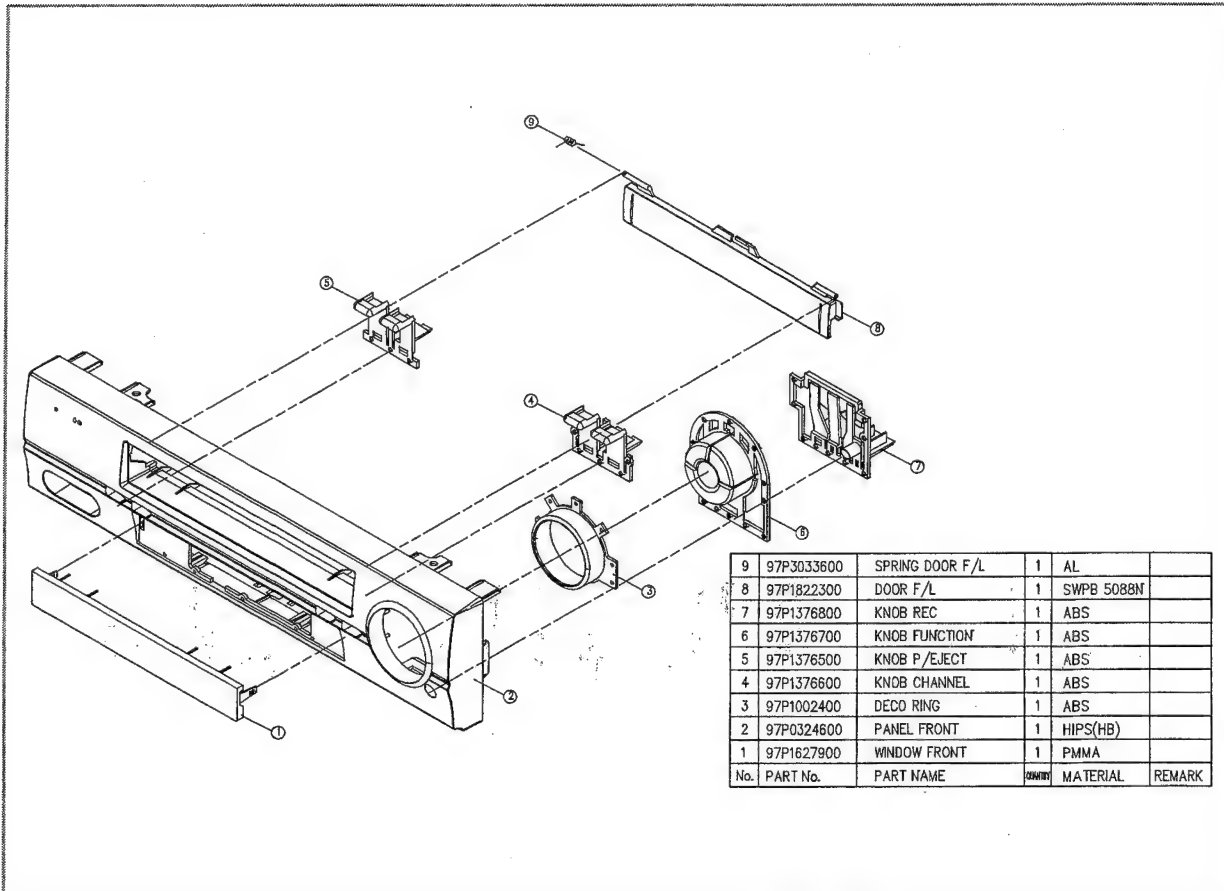


## DVST7E3 SERIES



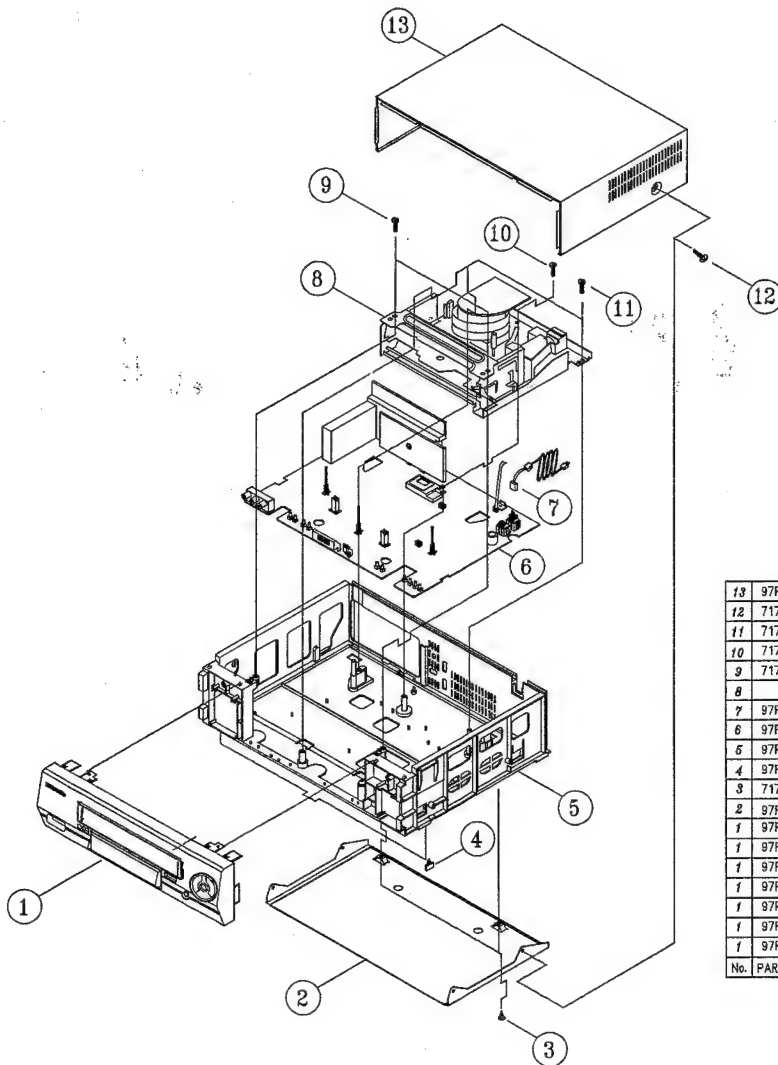


## DVST7M3 SERIES



### 3. INSTRUMENT DISASSEMBLY

#### 3-1. SET TOTAL



13	97P0474000	COVER TOP	1	PCM T0.5	
12	7173401212	SCREW TAP TITE	2	TT2 BIN 4X12 MFZN BK	COVER TOP FIX
11	7173401211	SCREW TAP TITE	3	TT2 BIN 4X12 MFZN	DECK FIX
10	7174301011	SCREW TAP TITE	1	TT2 RND 3X10 MFZN	P/MAIN FIX
9	7173401211	SCREW TAP TITE	2	TT2 BIN 4X12 MFZN	P/A FIX
8		DECK TOTAL AS	1		
7	97P6923101	CORD POWER AS	1	KKP-419C 0.75MM 2100MM	EUROPE
6	97PE-----	PCB MAIN MANUAL AS	1		
5	97P0611300	CHASSIS MAIN	1	HPS(HB)	
4	97P0800602	LEG	2	PLASTOMER	
3	7174301011	SCREW TAP TITE	2	TT2 RND 3X10 MFZN	P/BOTTOM FIX
2	97P0478600	COVER BOTTOM	1	SECC T0.4	
1	97PP323900	PANEL FRONT AS	1	DV-T8E1D	
1	97PP323600	PANEL FRONT AS	1	DV-T8E1D	
1	97PP324600	PANEL FRONT AS	1	DV-T8M1D	
1	97PP324500	PANEL FRONT AS	1	DV-T7J1D	
1	97PP323800	PANEL FRONT AS	1	DV-T8D4D	
1	97PP324100	PANEL FRONT AS	1	DV-T4C	
1	97PP324300	PANEL FRONT AS	1	DVST7L1D	
No.	PART No.	PART NAME	QTY	MATERIAL	REMARK

# ELECTRICAL PARTS LIST

® is a recommendable part for essential stock.

## 1. PCB MAIN AS

LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK
01	PVACPSS119	ACCESSORY AS	DVST7L1S-AQ		B1910	97SA481050	PINCH ROLLER AS	D15(DAEJIN D2.6"D7*T4.5)	
DP01	97P95600S0	MANUAL OWNERS	SECAM-L MODEL		A2200	97SA318050	LC BRKT AS	T5-MECHA	
DP02	97P881RP10	CABLE RF	PAL 1.0M		B2040	97P885X146	CONN AS	A/C HEAD(6P) SHIELD	
DP03	97P0424100	COVER ACCESSORY	LD-PE T0.1		A2201	7274300611	SCREW TAPPTITE	TT3 RND 3X6 MFZN	
02	PVPKCPD929	PACKING AS	DV-K241DZ-RG/D		A2400	97SA317310	IDLER PLATE TOT AS	T2-MECHA	
CP01	97P4930000	PAD FRONT/BACK	EPS		A2401	97S3108200	POLYWASHER	D2.6XD6.0XT0.5	
CP02	97P4808500	POLY BAG FOR SET	800X800XT0.5 PE-FOAM		A2600	97S2909400	TABLE REEL	POM(F20-03) BLACK	
CP03	97P5051920	BOX CARTON	409X352X147		A2700	97SA317200	TENSION LVR TOT AS	T-MECHA	
CP04	47P4502201	LABEL SERIAL A	ART PAPER 2EA ALL MODEL		A2800	97SA317400	S BRAKE AS	T-MECHA	
CP05	6520010020	STAPPLE	M20		A2900	97SA317510	T BRAKE AS	T2-MECHA	
03	PVMCASS147	CHASSIS MAIN AS	DVST7L3S-AQ		A3000	97S8023700	HEAD FE	HVHFP0042A	
A001	97P0611300	CHASSIS MAIN	HIPS		A3001	7274300811	SCREW TAPPTITE	TT3 RND 3X8 MFZN	
A0011	97P0800602	LEG	PLASTOMER		AD001	97PA285801	DRUM PRICE AS	CYS-T610C	
A002	97P93400S0	LABEL SPEC	PE FILM (SECAM-L MODEL)		AD002	7004300511	SCREW MACHINE	RND 3X5 MFZN	
A040	97P0478400	COVER TOP	SECC T0.5 PCM		AD003	97P88F0B23	CABLE FFC	1.25K 11P 235MM	
A041	7173401212	SCREW TAPPTITE	TT2 BIN 4X12 BK		AF001	97SA261040	F/L AS	T5-MECHA	
A060	97P0478600	COVER BOTTOM	SECC T0.4		AF002	7274300511	SCREW TAPPTITE	TT3 RND 3X5 MFZN	
A061	7174301211	SCREW TAPPTITE	TT2 RND 3X12 MFZN		AN002	2291131304	GREASE	DELUXE 5221G(NAM-YOUNG)	
D008	97P882T912	CABLE SCART	SCART-SCART 9P 1.2M		PW01	97P69DB900	CORD POWER AS	EU LP-21 YFH800 1.7M	
D100	97P1R2TAA2	REMOCON HANDSET AS	VR-F2TA		Z001	PVMPMSS147	PCB MAIN MANUAL AS	DVST7L3S-AQ	
M01	97PP324300	PANEL FRONT AS	T8L1DY		AM01	2193100801	SOLDER WIRE	SN-PB-63.37 3P(NO FLUX)	
M021	7173401211	SCREW TAPPTITE	TT2 BIN 4X12 MFZN		AM02	2193011100	SOLDER WIRE	60 SNA 1.2D	
M022	7174301211	SCREW TAPPTITE	TT2 RND 3X12 MFZN		AM03	2291050305	FLUX LIQUID	RF-800KN	®
M1000	PVDKARSB60	VCR DECK AS(T50)	DRS-B600 NON		AM04	2291050306	FLUX THINNER	RF-800ADD	
A0100	97SA332200	MAIN BASE AS	T4.5-MECHA		AM05	2291140501	WAX COVER		
A011	97P9382102	LABEL CD(DECK)	PAPER(13X56) ALL MODEL		AM06	97P9382101	LABEL CD(PCB)	PAPER(13X48) ALL MODEL	®
A0200	97SA316500	S SLANT POLE AS	T-MECHA		B001	97P0720400	BOARD ANT	HI-PS(HB)	®
A0300	97SA316600	T SLANT POLE AS	T-MECHA		B001A	7175300812	SCREW TAPPTITE	TT2 FLT 3X8 MFZN BK	®
A0400	97S8103000	MOTOR CAPSTAN	DMVCMC-09D		C801	CL2EE3104M	C LINE ACROSS	AC 275V 0.1MF M PCX2 335M	®
A0401	97S3102000	SCREW TAPPTITE	TT2 BIN-P 2.6X7 MFZN		C802	CH1TFB101K	C CERA AC	4.0KV 100PF K AD AC250V	®
A0600	97SA320500	AC HEAD AS	T-MECHA		C803	CH1TFE222M	C CERA AC	4.0KV 2200PF M AD AC250V	
B0610	97SA326800	HEAD A/C	HVMXA1101A(ALPS)		C804	CH1CEE472M	C CERA AC	2.5KV 4700PF M DE AC250V	
A0601	7004300511	SCREW MACHINE	RND 3X5 MFZN		C805	CEXF2G470V	C ELECTRO	400V RSS 47MF 16X25	
A1000	97SA316800	L LOADING AS	T-MECHA		C821	CEXK1E681L	C ELECTRO	25V 680UF KXL	
A1100	97SA316900	R LOADING AS	T-MECHA		C822	CEXK1E681L	C ELECTRO	25V 680UF KXL	
A1200	97S2709510	RACK LOADING	SECC T1.2		D821	DSB360—	DIODE SCHOTTKY	SB360	
A1201	7008301911	SCREW MACHINE	WAS M3*19 MFZN		D822	DRGP20D—	DIODE	RGP20D	
A1400	97S0904310	PLATE CONNECT-H	SECC T1.0		H501	10RC356VF4	IC UNIT R/RECEIVER	ORC0356VF4(38KHZ)	
A1500	97SA319410	REEL BRKT TOTAL AS	T2-MECHA		H502	DLDVST7X3D	LED DISPLAY	DVST7X3D	
A1501	7274300511	SCREW TAPPTITE	TT3 RND 3X5 MFZN		IC803	1K1010HE01	IC PHOTO COUPLER	K1010HE01	
A1700	97S5500400	BELT REEL	CR68		JK601	97P6313300	JACK DOUBLE SCART	DSAM-9621	
A1800	97S2623200	LEVER RELAY	SECC T1.2		JK605	97P6314900	JACK PIN	DPAM-9825	
A1900	97S2709600	RACK FL	PBT(DY4410GF) NATURAL		JK606	97P6316000	JACK PIN	DPAE-9930	
A2000	97S2708200	GEAR CAM	DERLIN 100		L801	5PLFSF212A	FILTER LINE	SF-2120A	®
A2100	97SA317150	PINCH LEVER TOT AS	T-MECHA		L802	5PLFSF212A	FILTER LINE	SF-2120A	

## ELECTRICAL PARTS LIST

LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK
M401	97P0478200	CASE SHI PREAMP	ET T0.4		C271	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
M801	97P0974300	PLATE EARTH-P	ET T=0.4		C277	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
P201	97P62Y1318	CONN WAFER	DVW250 PLUG 2.5MM 8P	®	C281	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
P202	97P62T14B2	CONN HOUSING	TMC-EX-B1 RECEP 2.0MM 2P	®	C282	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
P401	97P62G06DA	CONN HOUSING	GF120 FPC 1.25MM 10P		C285	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
P501	97P62T152C	CONN B/B	TMC-JP PLUG 2.0MM 12P		C286	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
P502	97P6269200	CONN WAFER	00-8283-0812-00000		C293	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
P801	97P62Y02X2	CONN WAFER	YFW800 STR 10MM 2P	®	C301	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	
Q801	TKSC5027FR	TR	KSC5027FR	®	C303	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
R802	RW02B229J	R WIRE WOUND	2W 2.2 OHM J		C306	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
R809	RS02F104JS	R M-OXIDE FILM	2W 100K OHM J SMALL		C307	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	
R826	RS01F821J	R M-OXIDE FILM	1W 820 OHM J		C308	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
RF101	97P7615400	TUNER 3 IN 1	SSTBI-SLQ1		C310	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	
S501	97P0S02500	SENSOR REEL	RPI-303N		C311	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
S502	97P0S02500	SENSOR REEL	RPI-303N		C312	HCBK822KBA	C CHIP CERA	50V X7R 8200PF K 1608	
SW501	5S10104100	SW MODE	MMS00402ZMB0		C314	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
SW510	5SD0101100	SW DETE	MXS00921MPC0		C315	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
T801	57M8282301	TRANS SMPS	TSW-T7X3D		C316	HCQK561JBA	C CHIP CERA	50V CH 560PF J 1608	
X051	5XJ18R4LAE	CRYSTAL QUARTZ	HC-49/S 18.43200MHZ 30PP		C317	HCQK131JBA	C CHIP CERA	50V CH 130PF J 1608	
X501	5XJ17R7LAD	CRYSTAL QUARTZ	HC-49/S 17.73447MHZ 25PPM		C328	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
Z0011	PVMPJ1S147	PCB MAIN CHIP AS	DVSTL73S-AQ		C333	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C007	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608		C335	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C012	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		C339	HCQK131JBA	C CHIP CERA	50V CH 130PF J 1608	
C014	HCLK101JCA	C CHIP CERA	50V SL 100PF J 2012		C340	HCQK221JBA	C CHIP CERA	50V CH 220PF J 1608	
C017	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608		C341	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C018	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608		C342	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C051	HCQK390JBA	C CHIP CERA	50V CH 39PF J 1608		C363	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C052	HCQK209CBA	C CHIP CERA	50V CH 2PF C 1608		C379	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C053	HCQK209CBA	C CHIP CERA	50V CH 2PF C 1608		C384	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C056	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C404	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C058	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C506	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C060	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C510	HCBK222KBA	C CHIP CERA	50V X7R 2200PF K 1608	
C157	HCBK563KCA	C CHIP CERA	50V X7R 0.056MF K 2012		C511	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C161	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608		C514	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
C202	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608		C515	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C203	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608		C516	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
C206	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		C519	HCBK272KBA	C CHIP CERA	50V X7R 2700PF K 1608	
C212	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		C521	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
C239	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		C524	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C251	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C525	HCQK201JBA	C CHIP CERA	50V CH 200PF J 1608	
C252	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C528	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C253	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C529	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C254	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C531	HCQK150JBA	C CHIP CERA	50V CH 15PF J 1608	
C255	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C532	HCQK150JBA	C CHIP CERA	50V CH 15PF J 1608	
C256	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C536	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C257	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C612	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C258	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C613	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C263	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608		C614	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
C266	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608		C615	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
C267	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608		C616	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
C268	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608		C625	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
C269	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608		C626	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	

# ELECTRICAL PARTS LIST

LOC.	PART CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART CODE	PART-NAME	PART-DESC.	REMARK
C627	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		R271	HRFS470JBA	R CHIP	1/16 47 OHM J 1608	
C628	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608		R302	HRFS822JBA	R CHIP	1/16 8.2K OHM J 1608	
C630	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		R304	HRFS202JBA	R CHIP	1/16 2K OHM J 1608	
C631	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		R308	HRFS102JBA	R CHIP	1/16 1K OHM J 1608	
C632	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608		R309	HRFS155JBA	R CHIP	1/16 1.5M OHM J 1608	
C633	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608		R310	HRFS155JBA	R CHIP	1/16 1.5M OHM J 1608	
C634	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608		R320	HRFS471JBA	R CHIP	1/16 470 OHM J 1608	
C635	HRFS000-BA	R CHIP	1/16 0 OHM 1608		R323	HRFS682JBA	R CHIP	1/16 6.8K OHM J 1608	
C640	HQCK201JBA	C CHIP CERA	50V CH 200PF J 1608		R324	HRFS202JBA	R CHIP	1/16 2K OHM J 1608	
C692	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608		R327	HRFS332JBA	R CHIP	1/16 3.3K OHM J 1608	
C693	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608	®	R328	HRFS104JBA	R CHIP	1/16 100K OHM J 1608	
C694	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608	®	R349	HRFS101JBA	R CHIP	1/16 100 OHM J 1608	
C695	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608	®	R350	HRFS331JBA	R CHIP	1/16 330 OHM J 1608	
C696	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608	®	R366	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
C697	HQCK330JBA	C CHIP CERA	50V CH 33PF J 1608	®	R377	HRFS154JBA	R CHIP	1/16 150K OHM J 1608	
C809	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012	®	R380	HRFS202JBA	R CHIP	1/16 2K OHM J 1608	
C810	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	®	R381	HRFS302JBA	R CHIP	1/16 3K OHM J 1608	
C811	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	®	R402	HRFS393JBA	R CHIP	1/16 39K OHM J 1608	
C827	HCFH683ZBA	C CHIP CERA	25V Y5V 0.068MF Z 1608	®	R404	HRFS363JBA	R CHIP	1/16 36K OHM J 1608	
C831	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		R405	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
D801	DBS105G-C	DIODE BRIDGE	DBS105G CHIP		R505	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
IC051	1MSP3417DG	IC NICAM	MSP3417D-QG3		R506	HRFS472JBA	R CHIP	1/16 4.7K OHM J 1608	
IC151	1LC74793-	IC VPS	LC74793JM	®	R510	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
IC251	1TDA9605H-	IC HI-FF	TDA9605H	®	R511	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
IC301	1LA71750M-	IC AV 1 CHIP	LA71750M		R515	HRFS222JBA	R CHIP	1/16 2.2K OHM J 1608	
IC361	1LA70100M-	IC SECAM-L	LA70100M		R517	HRFS102JBA	R CHIP	1/16 1K OHM J 1608	
IC501	168K785ATS	IC MICOM	M37760M8H-1E6GP		R518	HRFS182JBA	R CHIP	1/16 1.8K OHM J 1608	
IC502	14ATM24D08	IC EPROM	ATM24D08		R519	HRFS101JBA	R CHIP	1/16 100 OHM J 1608	
IC503	1PT6955-	IC DRIVER	PT6955 24TP(LED DR)		R520	HRFS561JBA	R CHIP	1/16 560 OHM J 1608	
L607	HLX1210001	BEAD CHIP	TB201209Z121		R521	HRFS561JBA	R CHIP	1/16 560 OHM J 1608	
L608	HLX1210001	BEAD CHIP	TB201209Z121		R525	HRFS104JBA	R CHIP	1/16 100K OHM J 1608	
L611	HLX1210001	BEAD CHIP	TB201209Z121		R527	HRFS273JBA	R CHIP	1/16 27K OHM J 1608	
Q305	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		R529	HRFS201JBA	R CHIP	1/16 200 OHM J 1608	
Q330	T2SA1037KB	TR CHIP	2SA1037AKT146-R		R534	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
Q331	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		R536	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R056	HRFS562JBA	R CHIP	1/16 5.6K OHM J 1608		R539	HRFS431JBA	R CHIP	1/16 430 OHM J 1608	
R202	HRFS334JBA	R CHIP	1/16 330K OHM J 1608		R547	HRFS332JBA	R CHIP	1/16 3.3K OHM J 1608	
R203	HRFS181JBA	R CHIP	1/16 180 OHM J 1608		R550	HRFS472JBA	R CHIP	1/16 4.7K OHM J 1608	
R205	HRFS752JBA	R CHIP	1/16 7.5K OHM J 1608		R555	HRFS820JBA	R CHIP	1/16 82 OHM J 1608	
R206	HRFS273JBA	R CHIP	1/16 27K OHM J 1608		R606	HRFS750JBA	R CHIP	1/16W 75 OHM J 1608	
R211	HRFS512JBA	R CHIP	1/16 5.1K OHM J 1608		R611	HRFS750JBA	R CHIP	1/16W 75 OHM J 1608	
R251	HRFS335JBA	R CHIP	1/16 3.3M OHM J 1608		RJ001	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R256	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		RJ041	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R257	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		RJ042	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R258	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		RJ043	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R259	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		RJ201	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
R260	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		RJ202	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
R261	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		RJ203	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
R262	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		RJ241	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R263	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		RJ242	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
R266	HRFS333JBA	R CHIP	1/16 33K OHM J 1608		RJ501	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
R270	HRFS333JBA	R CHIP	1/16 33K OHM J 1608		RJ502	HRF8000-EA	R CHIP	1/8 0 OHM 3216	



## ELECTRICAL PARTS LIST

LOC	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC	PART-CODE	PART-NAME	PART-DESC.	REMARK
RJ503	HRF8000-EA	R CHIP	1/8 0 OHM 3216		C279	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
RJ504	HRF8000-EA	R CHIP	1/8 0 OHM 3216		C283	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
RJ541	HRFS000-BA	R CHIP	1/16 0 OHM 1608		C291	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
RJ543	HRFS000-BA	R CHIP	1/16 0 OHM 1608		C292	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
RJ604	HRF8000-EA	R CHIP	1/8 0 OHM 3216		C302	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
RJ605	HRF8000-EA	R CHIP	1/8 0 OHM 3216		C304	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
RJ606	HRF8000-EA	R CHIP	1/8 0 OHM 3216		C305	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
RJ644	HRFS000-BA	R CHIP	1/16 0 OHM 1608		C309	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
RJ648	HRFS000-BA	R CHIP	1/16 0 OHM 1608		C313	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
RJ649	HRFS000-BA	R CHIP	1/16 0 OHM 1608		C318	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
Z0012	PVMPJRS147	PCB MAIN RADIAL AS	DVST7L3S-AQ		C319	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C004	CEXF1A101A	C ELECTRO	10V RSM 100MF 6.3X7		C320	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C013	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C322	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
C015	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C325	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7	
C016	CEXF1H228A	C ELECTRO	50V RSM 0.22MF (4X7)		C327	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C055	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C330	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7	
C057	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C331	CEXE1C100F	C ELECTRO	*RMB 16V 10MF(SRA-BP,NS)*	
C059	CEXF1H339A	C ELECTRO	50V RSM 3.3MF 4X7		C332	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
C061	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C334	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C063	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C336	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C064	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C338	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C065	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C362	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C066	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C365	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C068	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C370	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7	
C151	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C373	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7	
C152	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C375	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C154	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C376	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C158	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7		C377	CEXF1H229A	C ELECTRO	50V RSM 2.2MF (4X7) TP	
C201	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C378	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C204	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C401	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
C205	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C402	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C208	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7		C403	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C210	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C501	CEXF1A471V	C ELECTRO	10V RSS 470MF (8X11.5) TP	
C213	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7		C502	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C214	CEXF1C330A	C ELECTRO	16V RSM 33MF (6.3X7) TP		C504	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C219	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C508	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C222	CMXM2A183J	C MYLAR	100V 0.018MF J (TP)	®	C512	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C223	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7		C513	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7	
C225	CMXM2A333J	C MYLAR	100V 0.033MF J (TP)		C522	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C259	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C526	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C260	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C530	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C261	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C535	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C262	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C538	CEXF1A471V	C ELECTRO	10V RSS 470MF (8X11.5) TP	
C264	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C611	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C265	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C618	CEXF1A471V	C ELECTRO	10V RSS 470MF (8X11.5) TP	
C270	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C620	CEXF1A471V	C ELECTRO	10V RSS 470MF (8X11.5) TP	
C272	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C806	CEXF2C109V	C ELECTRO	160V RSS 1MF (6.3X11) TP	
C273	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C807	CBXB3A101K	C CERA SEMI	1KV RR 100PF K	
C274	CEXF1H229A	C ELECTRO	50V RSM 2.2MF (4X7) TP		C808	CMXL2G333K	C MYLAR	400V MEU 0.033MF K	®
C275	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C823	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	®
C276	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C824	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C278	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		C825	CEXK1J220L	C ELECTRO	63V 22UF KXL	

# ELECTRICAL PARTS LIST

LOC	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC	PART-CODE	PART-NAME	PART-DESC.	REMARK
C826	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		SW502	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
C828	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		SW503	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
C829	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		SW504	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
C830	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		SW505	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
C833	CEXF1A471V	C ELECTRO	10V RSS 470MF (8X11.5) TP		SW506	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
C834	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		SW507	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
F801	5FWPS2022L	FUSE PLASTIC TUBE	*WRL 2A 250V TL LT-5, SR-5*		SW508	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
IC802	1KA431AZ-	IC REGULATOR	KA431AZ		SW509	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L001	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		X301	5XE4R433TB	CRYSTAL QUARTZ	HC-49/U 4.433619MHZ 15PPM	
L002	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		Z0013	PVMPJAS147	PCB MAIN AXIAL AS	DVST7L3S-AQ	
L051	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		AM31	2TM1456000	TAPE MASKING	SI-602	
L052	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		AM31A	2TM110620R	TAPE MASKING	SI-600N RED	
L053	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		AM31B	2TM1106200	TAPE MASKING	SI-600N	
L201	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		C002	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L202	5CPX820J-	COIL PEAKING	82UH J (RADIAL)		C005	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L203	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		C054	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L250	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		C062	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L251	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)		C067	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L301	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C153	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L302	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C159	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L303	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C160	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L304	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C209	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L365	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C220	CCZB1H391K	C CERA	50V B 390PF K (AXIAL)	
L401	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C321	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L501	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	®	C323	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L502	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C324	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L503	5CPX680J2T	COIL PEAKING	68UH(BLU-BLK)		C326	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L504	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C329	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
L601	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		C337	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L821	56C220K695	COIL CHOKE(CAP TYPE)	22UH K (CAP TYPE) 9X11.1		C361	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
L823	5CPX470J2T	COIL PEAKING	47UH(YEL-BLK)		C368	CCZF1H104Z	C CERA	HIKF 50V 0.1MF Z AXIAL	
Q001	TZRC104M-	TR	KRC104M AUTO		C369	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q002	TZTA1273Y-	TR	KTA1273Y(966Y)		C371	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q201	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		C372	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q203	TZTC3202Y-	TR	KTC3202Y (AUTO)(1959Y)		C503	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q204	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		C505	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q205	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		C507	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q206	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	®	C509	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q207	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	®	C517	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
Q208	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		C518	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q301	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		C520	CBZF1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	
Q501	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C523	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q601	TZSR2001-	TR	KSR2001 (AUTO)		C527	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q602	TZRC104M-	TR	KRC104M AUTO		C537	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q603	TZRC104M-	TR	KRC104M AUTO		C690	CCZB1H331K	C CERA	50V B 330PF K (AXIAL)	
Q670	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C691	CCZB1H331K	C CERA	50V B 330PF K (AXIAL)	
Q671	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C835	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M (AXIAL)	
Q802	TZTC3203Y-	TR	KTC3203Y (2120Y)		D001	DZN4148-	DIODE	1N4148 AUTO 52MM	
Q821	TZTC3205Y-	TR	KTC3205Y (2236Y)		D003	DZN4003-	DIODE	1N4003	
Q822	TZTC3205Y-	TR	KTC3205Y (2236Y)		D004	DZN4003-	DIODE	1N4003	
Q825	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		D301	DZN4148-	DIODE	1N4148 AUTO 52MM	
Q826	TZTC3198Y-	TRANSISTOR	KTC3198Y-(1815Y) (AUTO)		D503	DZN4148-	DIODE	1N4148 AUTO 52MM	

## ELECTRICAL PARTS LIST

LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK
D506	DZN4148—	DIODE	1N4148 AUTO 52MM		JP085	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D509	DZN4148—	DIODE	1N4148 AUTO 52MM		JP088	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D510	DZN4148—	DIODE	1N4148 AUTO 52MM		JP102	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D515	DZN4148—	DIODE	1N4148 AUTO 52MM		JP103	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D516	DZN4148—	DIODE	1N4148 AUTO 52MM		JP104	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D517	DZN4148—	DIODE	1N4148 AUTO 52MM		JP107	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D518	DZN4148—	DIODE	1N4148 AUTO 52MM		JP108	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D519	DZN4148—	DIODE	1N4148 AUTO 52MM		JP113	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D520	DZN4148—	DIODE	1N4148 AUTO 52MM		JP114	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D521	DZN4003—	DIODE	1N4003		JP115	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D522	DZN4003—	DIODE	1N4003		JP118	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D523	DZN4003—	DIODE	1N4003		JP126	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D524	DZN4148—	DIODE	1N4148 AUTO 52MM		JP127	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D525	DZN4003—	DIODE	1N4003		JP134	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D526	DZN4003—	DIODE	1N4003		JP137	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D603	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP160	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D604	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)	®	JP161	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D627	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP215	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D628	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP221	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D629	DZN4148—	DIODE	1N4148 AUTO 52MM		JP228	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D630	DZN4148—	DIODE	1N4148 AUTO 52MM		JP234	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D631	DZN4148—	DIODE	1N4148 AUTO 52MM		JP235	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D805	DZEG01C—	DIODE	EG01C		JP236	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D806	DZN4003—	DIODE	1N4003		JP237	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D807	DZUZ3R0BSB	DIODE ZENER	UZ-3.0BSB(3.01-3.22V)		JP250	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D808	DZN4148—	DIODE	1N4148 AUTO 52MM		JP251	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D823	DZGDZP16B-	DIODE ZENER	GDZP16B1		JP252	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D824	D1SS244—	DIODE	1SS244		L151	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
D825	DZUZ33BSB-	DIODE ZENER	UZ-33BSB(30.32-31.38V)		L311	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
D826	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		L340	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D827	DZUZ13BSB-	DIODE ZENER	UZ-13BSB(12.59-13.16V)		L341	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	®
D828	DZN4003—	DIODE	1N4003		L342	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D829	DZN4003—	DIODE	1N4003		L602	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP005	85801060TA	WIRE COPPER	0.6X52MM TAPING		L604	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP014	85801060TA	WIRE COPPER	0.6X52MM TAPING		L605	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP016	85801060TA	WIRE COPPER	0.6X52MM TAPING		L606	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP018	85801060TA	WIRE COPPER	0.6X52MM TAPING		L609	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J	
JP019	85801060TA	WIRE COPPER	0.6X52MM TAPING		L610	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J	
JP020	85801060TA	WIRE COPPER	0.6X52MM TAPING		L612	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP036	85801060TA	WIRE COPPER	0.6X52MM TAPING		L613	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
JP037	85801060TA	WIRE COPPER	0.6X52MM TAPING		L803	5PB13857—	COIL BEAD	BI3857(AXIAL)	
JP038	85801060TA	WIRE COPPER	0.6X52MM TAPING		L822	5PB13857—	COIL BEAD	BI3857(AXIAL)	
JP045	85801060TA	WIRE COPPER	0.6X52MM TAPING		R004	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
JP047	85801060TA	WIRE COPPER	0.6X52MM TAPING		R005	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
JP051	85801060TA	WIRE COPPER	0.6X52MM TAPING		R006	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
JP053	85801060TA	WIRE COPPER	0.6X52MM TAPING		R009	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
JP061	85801060TA	WIRE COPPER	0.6X52MM TAPING		R010	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
JP063	85801060TA	WIRE COPPER	0.6X52MM TAPING		R051	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
JP073	85801060TA	WIRE COPPER	0.6X52MM TAPING		R052	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
JP075	85801060TA	WIRE COPPER	0.6X52MM TAPING		R054	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
JP077	85801060TA	WIRE COPPER	0.6X52MM TAPING		R055	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	
JP078	85801060TA	WIRE COPPER	0.6X52MM TAPING		R152	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	



# **ELECTRICAL PARTS LIST**

LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK
R153	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J		R329	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R154	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R330	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R155	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R331	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R201	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J		R362	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R204	RD-AZ113J-	R CARBON FILM	1/6 11K OHM J		R401	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R209	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J		R403	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R210	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J		R501	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R214	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		R502	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R215	RD-AZ911J-	R CARBON FILM	1/6 910 OHM J		R503	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R216	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R504	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R217	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R509	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R218	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		R512	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R219	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R513	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R225	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R514	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R226	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R516	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R227	RD-AZ181J-	R CARBON FILM	1/6 180 OHM J		R522	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R228	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J		R523	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R229	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R524	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	®
R230	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R526	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R231	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R528	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	
R232	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J		R530	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R240	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R531	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R241	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R532	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R264	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R533	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R265	85801060TA	WIRE COPPER	0.8X52MM TAPING		R535	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R267	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R537	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R268	RN-AZ3902F	R METAL FILM	1/6 39K OHM F		R538	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J	
R269	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R540	RN-AZ103F-	R METAL FILM	1/6 10K OHM F	
R272	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R541	RN-AZ103F-	R METAL FILM	1/6 10K OHM F	
R273	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R542	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R274	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R543	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R275	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R544	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R276	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J		R545	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	
R277	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J		R546	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	
R278	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J		R549	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	
R301	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J		R551	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R303	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R552	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R305	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		R553	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R306	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J		R554	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R307	RD-AZ392J-	R CARBON FILM	1/6 3.9K OHM J		R601	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	
R312	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		R602	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	
R313	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		R603	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	
R314	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R604	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R315	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		R605	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R316	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		R607	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R317	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		R608	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R318	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R609	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	
R319	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J		R610	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R321	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		R612	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R322	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R613	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	®
R325	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J		R614	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	
R326	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R615	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	

## ELECTRICAL PARTS LIST

LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK	LOC.	PART-CODE	PART-NAME	PART-DESC.	REMARK
R618	RD-AZ470J	R CARBON FILM	1/6 47 OHM J	®	JP043	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R619	RD-AZ470J	R CARBON FILM	1/6 47 OHM J		JP044	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R670	RD-4Z751J	R CARBON FILM	1/4 750 OHM J		JP052	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R671	RD-4Z751J	R CARBON FILM	1/4 750 OHM J	®	JP055	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R677	RD-AZ221J	R CARBON FILM	1/6 220 OHM J		JP056	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R678	RD-AZ221J	R CARBON FILM	1/6 220 OHM J		JP057	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R801	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K		JP058	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R803	RD-4Z394JS	R CARBON FILM	1/4 390K OHM J SMALL		JP059	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R804	RD-4Z394JS	R CARBON FILM	1/4 390K OHM J SMALL	®	JP060	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R805	RD-AZ273J	R CARBON FILM	1/6 27K OHM J		JP065	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R806	RD-2Z820JS	R CARBON FILM	1/2 82 OHM J SMALL	®	JP066	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R807	RD-2Z820JS	R CARBON FILM	1/2 82 OHM J SMALL		JP067	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R808	RD-AZ681J	R CARBON FILM	1/6 680 OHM J		JP068	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R821	RD-4Z360JS	R CARBON FILM	1/4 36 OHM J SMALL		JP069	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R822	RD-AZ182G	R CARBON FILM	1/6 1.8K OHM G		JP070	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R823	RD-AZ680J	R CARBON FILM	1/6 68 OHM J		JP071	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R824	RD-AZ470G	R CARBON FILM	1/6 47 OHM G		JP072	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R825	RD-AZ132G	R CARBON FILM	1/6 1.3K OHM G		JP074	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R827	RD-4Z622J	R CARBON FILM	1/4 6.2K OHM J		JP076	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R828	RD-AZ180J	R CARBON FILM	1/6 18 OHM J		JP079	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R829	RD-4Z751J	R CARBON FILM	1/4 750 OHM J		JP080	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R830	RD-AZ103J	R CARBON FILM	1/6 10K OHM J		JP081	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
UM01	97P65304MA	PCB MAIN	330X246X1.6T(DVST7X3D)		JP084	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
ZD014	PVMPJVE068	PCB MAIN J/V ONLY AS	"DVST7X3D-AL/(304MA,HIFI)"		JP086	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP002	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP087	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP003	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP089	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP004	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP090	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP006	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP091	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP007	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP092	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP008	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP093	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP009	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP094	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP010	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP096	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP015	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP097	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP021	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP098	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP022	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP099	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP023	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP100	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP024	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP101	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP025	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP105	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP026	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP106	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP027	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP109	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP028	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP110	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP029	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP111	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP030	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP112	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP031	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP117	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP032	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP119	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP033	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP120	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP034	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP121	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP035	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP122	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP039	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP123	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP040	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP128	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP041	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP130	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
JP042	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		JP131	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

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